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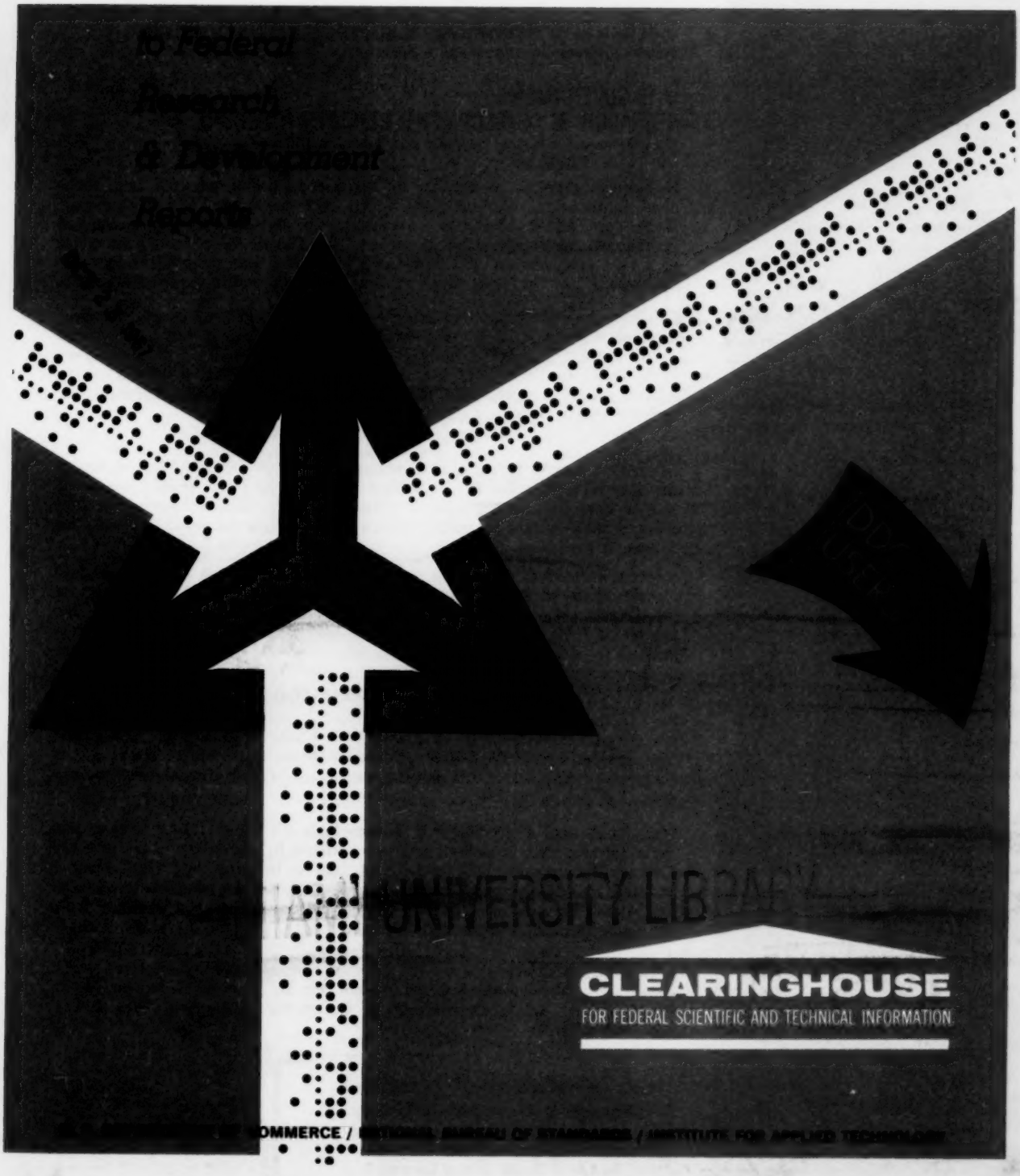
GOVERNMENT-WIDE INDEX

October 10, 1967



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INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

UNCLASSIFIED REPORTS ABSTRACTED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

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FORMAT

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Alexander B. Trowbridge, Secretary
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Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

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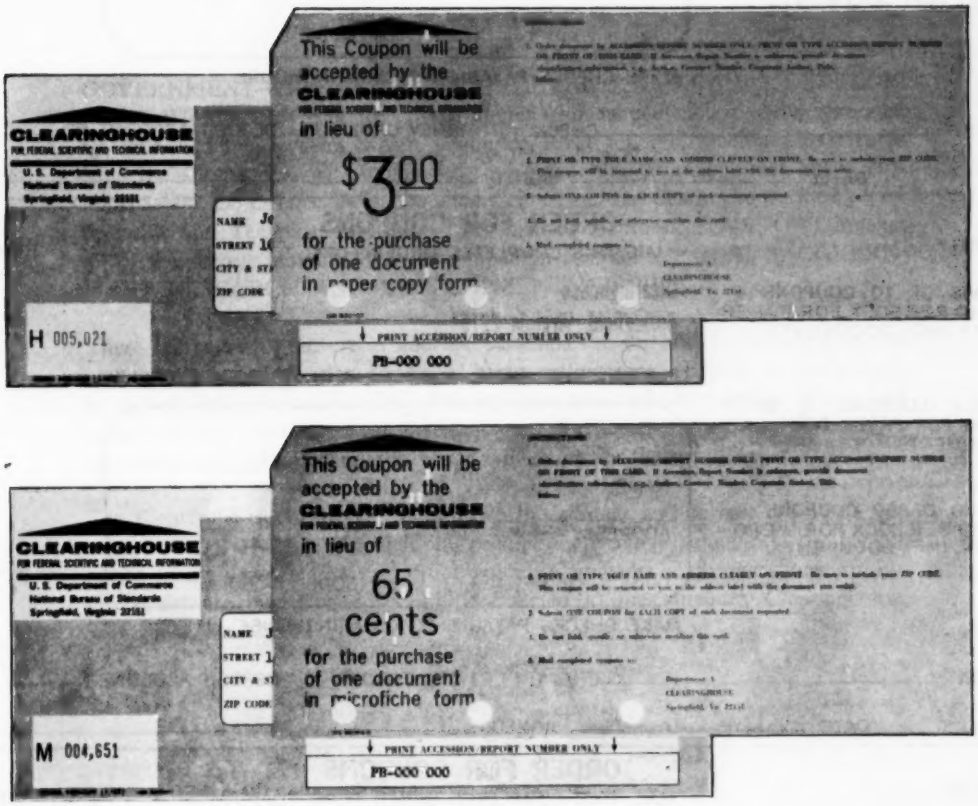

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GOVERNMENT-WIDE INDEX TO FEDERAL RESEARCH & DEVELOPMENT REPORTS is produced by computer from machineable records generated by four Federal agencies which announce R&D reports. Machineable records from the Atomic Energy Commission, the National Aeronautics and Space Administration, the Defense Documentation Center, and the Clearinghouse for Federal Scientific and Technical Information are merged to produce GWI. GWI indexes all of the reports announced in its companion abstract journal, U. S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS.

There are some format errors and inconsistencies in this index resulting from the machine merger of the data generated by several agencies. Efforts are being made to correct these inconsistencies. The agencies involved are working with a task group of the Committee on Scientific and Technical Information to develop improved interagency standards which will eliminate these problems.

The Clearinghouse is striving to improve the content and format of GOVERNMENT-WIDE INDEX so that it will become increasingly valuable to the general public as a reference tool and order guide. Comments and suggestions for improvement are invited and should be directed to the Director, Clearinghouse, Springfield, Va. 22151.

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- Contract Number
- Accession/Report Number

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INSTRUMENT FOR ACOUSTIC AND VIBRATION MEASUREMENTS.(b)
AD–627 041(c) 20A(d) U 67 05(e) HC$ 3.00 MF$ 0.65(f)

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(e) Code for journal, volume, and issue number in which the report is abstracted.

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N—Nuclear Science Abstracts, Atomic Energy Commission.

S—Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

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  SOLUTION OF AIR DATA FORMULAE.
  N67-22948                          1A S05 11 HC$  3.00 MF$ 0.65

  EXPERIMENTAL VEHICLE PV-1 WITH AIR CUSHIONS. FLIGHT TEST
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ANGUS, JOHN C.
  DEPOSITION OF CARBON ON DIAMOND SEED CRYSTALS.
  AD-651 059                        20B U67 12 HC$  3.00 MF$ 0.65

ANNIS, J. A.
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  THERMALLY NEUTRAL BY WATER COOLED CLOTHING.
  N67-22151                          6S S05 11 HC$  3.00 MF$ 0.65
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AIR FORCE FLIGHT TEST CENTER, EDWARDS AFB, CALIF.
  SYMPOSIUM ON PARACHUTE TECHNOLOGY AND EVALUATION,
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  AD-452 430                         1C U67 12 HC$  3.00

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GOVERNMENT-WIDE INDEX TO FEDERAL R AND D REPORTS
Volume 67, No. 19

Indexed in this issue are unclassified reports of Government-sponsored research and development abstracted in the following journals:

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NUCLEAR SCIENCE ABSTRACTS (NSA)	Vol. 21, No. 15

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LARGE-VOLUME AIR SAMPLING OF HUMAN RESPIRATORY DISEASE PATHOGENS,
AD-655 940 6M U67 19

AEROSPACE TECHNOLOGY
BIOMEDICAL APPLICATIONS OF NASA SCIENCE AND TECHNOLOGY QUARTERLY PROGRESS REPORT, 15 DEC. 1966 - 14 MAR. 1967.
N67-32617 6B S05 18 HC$ 3.00 MF$ 0.65

AFTERBODY
A COMPILATION OF WIND-TUNNEL HEAT-TRANSFER MEASUREMENTS ON THE AFTERBODY OF THE PROJECT MERCURY CAPSULE REENTRY CONFIGURATION.
N67-31529 22C S05 18 HC$ 3.00 MF$ 0.65

PRESSURE AND HEAT-TRANSFER DISTRIBUTION ON THE AFTERBODY OF A LIFTING MERCURY- TYPE CAPSULE AT MACH NUMBER 15 IN HELIUM.
N67-31920 22B S05 18 HC$ 3.00 MF$ 0.65

AFTERBURNING
EXPERIMENTAL BEHAVIOR OF PENTABORANE-AIR COMBUSTION PRODUCTS DURING EXPANSION IN A CONVERGENT DIVERGENT NOZZLE.
N67-31730 21E S05 18 HC$ 3.00 MF$ 0.65

AGE FACTOR
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE THOUSAND AVIATOR COHORT OVER A 24-YEAR PERIOD.
N67-31643 6P S05 18 HC$ 3.00 MF$ 0.65

AIR CONDITIONING EQUIPMENT, ACCEPTABILITY
NOMINAL 18,000 BTU/HR, COMPACT, HORIZONTAL, AIR CONDITIONING UNITS,
AD-655 853 13A U67 19 HC$ 3.00 MF$ 0.65

NOMINAL 9,000-BTU/HR, COMPACT, HORIZONTAL, AIR-CONDITIONING UNITS.
AD-656 743 13A U67 19 HC$ 3.00 MF$ 0.65

AIR JET
PERFORMANCE OF THREE ISENTROPIC ALL INTERNAL COMPRESSION AXISYMMETRIC INLETS DESIGNED FOR MACH 2.5.
N67-31843 21E S05 18 HC$ 3.00 MF$ 0.65

REFRACTION OF SOUND BY JET FLOW AND JET TEMPERATURE. EXTENSION OF TEMPERATURE RANGE PARAMETERS AND DEVELOPMENT OF THEORY.
N67-31985 20A S05 18 HC$ 3.00 MF$ 0.65

AIR MASS ANALYSIS, DENSITY
STUDIES OF DENSITY CHANGES THROUGH FRONTAL SYSTEMS.
AD-656 602 4B U67 19 HC$ 3.00 MF$ 0.65

AIRBORNE, ANTENNAS
RESEARCH ON COMPACT AND EFFICIENT ANTENNAS.
AD-656 479 9E U67 19 HC$ 3.00 MF$ 0.65

AIRBORNE, ELECTRONIC EQUIPMENT
AN EXPERIMENT IN BASIC AIRBORNE ELECTRONICS TRAINING. PART II. EFFECT OF REDUCTION IN TRAINING TIME UPON KNOWLEDGE OF RADAR MAINTENANCE.
AD-656 436 5J U67 19 HC$ 3.00 MF$ 0.65

AIRCRAFT ANTENNAS, RADAR ANTENNAS
RESULTS OF MAIN ROTOR RADAR BLADE FLIGHT TESTS, MODEL UH-1B, S/N AF622023,
AD-656 438 1C U67 19 HC$ 3.00 MF$ 0.65

HELICOPTER ROTOR BLADE RADAR ANTENNA,
AD-656 439 1C U67 19 HC$ 3.00 MF$ 0.65

AIRCRAFT CONFIGURATION
AN INVESTIGATION OF SUPERSONIC STORE INTERFERENCE IN THE VICINITY OF A 22 DEG SWEPT WING FUSELAGE CONFIGURATION AT MACH NUMBERS OF 1.61 AND 2.01.
N67-31546 1A S05 18 HC$ 3.00 MF$ 0.65

PROCEEDINGS OF NASA CONFERENCE ON SUPERSONIC-TRANSPORT FEASIBILITY STUDIES AND SUPPORTING RESEARCH.
N67-31606 1C S05 18 HC$ 3.00 MF$ 0.65

AIRCRAFT ENGINES, AERODYNAMICS
AERODYNAMICS OF POWER PLANT INSTALLATION, PART I.
AD-656 569 21E U67 19 HC$ 3.00 MF$ 0.65

AERODYNAMICS OF POWER PLANT INSTALLATION, PART II.
AD-656 570 21E U67 19

AIRCRAFT ENGINES, TESTS
TEST OF AVIATION ENGINES,
AD-656 565 21E U67 19 HC$ 3.00 MF$ 0.65

AIRCRAFT EQUIPMENT, DISPLAY SYSTEMS
ELECTROLUMINESCENCE AN APPRAISAL FOR AVIONIC DISPLAY APPLICATIONS.
AD-656 733 20F U67 19

AIRCRAFT EQUIPMENT, ELECTRIC WIRE
HIGH-TEMPERATURE AIRCRAFT WIRES,
AD-656 403 9A U67 19 HC$ 3.00 MF$ 0.65

AIRCRAFT INDUSTRY, GREAT BRITAIN
AN AUTOMATIC THREE-DIMENSIONAL MODELS MEASURING MACHINE IN R.A.E. WORKSHOPS.
AD-656 140 13I U67 19 HC$ 3.00 MF$ 0.65

AIRCRAFT MODEL
TABULATED DATA FROM A PRESSURE-DISTRIBUTION INVESTIGATION AT MACH NUMBER 2.01 OF THE WING OF A CANARD AIRPLANE MODEL.
N67-31534 1A S05 18 HC$ 3.00 MF$ 0.65

INVESTIGATION OF THE AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC HORIZONTAL- ATTITUDE VTOL AIRPLANE MODEL AT MACH NUMBERS OF 1.57, 2.14, 2.54, AND 2.87.
N67-31732 1A S05 18 HC$ 3.00 MF$ 0.65

AIRCRAFT, DESIGN
AIRCRAFT DESIGN-INDUCED PILOT ERROR.
PB-175 629 1B U67 19 HC$ 3.00 MF$ 0.65

AIR, VISCOSITY
REPLY BY AUTHOR TO M. H. BERTRAM'S COMMENT,
AD-656 152 1A U67 19

ALASKA, EARTHQUAKE WARNING SYSTEMS
LARGE APERTURE SEISMIC TELEMETERING SYSTEM FOR CENTRAL ALASKA.
AD-656 688 8K U67 19 HC$ 3.00 MF$ 0.65

ALGEBRAS, ELEMENTARY PARTICLES
DISCRETE SERIES FOR THE UNIVERSAL COVERING GROUP OF THE 3 + 1 DE SITTER GROUP,
AD-655 878 12A U67 19

ALGEBRAS, THEOREMS
LINEAR POSITIVE MACHINES,
AD-656 132 12A U67 19

ALGORITHMS, COMBINATORIAL ANALYSIS
AN IMPROVED METHOD OF FINDING ALL LARGEST COMBINABLE CLASSES,
AD-656 608 12B U67 19 HC$ 3.00 MF$ 0.65

ALGORITHMS, OPERATIONS RESEARCH
A PRIMAL-DUAL MULTI-COMMODITY FLOW ALGORITHM.
AD-656 606 12B U67 19 HC$ 3.00 MF$ 0.65

ALKALI METAL
EXPERIMENTS WITH HYDRODYNAMIC JOURNAL BEARINGS OF VARIOUS MATERIALS AND DESIGNS IN SODIUM AT TEMPERATURES TO 800 DEG F.
N67-31966 13I S05 18 HC$ 3.00 MF$ 0.65

ALKALI METAL COMPOUNDS, TRANSPORT PROPERTIES
IONIC THERMOCURRENTS IN ALKALI HALIDE CRYSTALS CONTAINING SUBSTITUTIONAL BERYLLIUM IONS.
AD-656 087 20L U67 19 HC$ 3.00 MF$ 0.65

ALKALI METALS, ABSORPTION SPECTRUM
USE OF OPW WAVE FUNCTIONS FOR INTERBAND ABSORPTION IN THE ALKALIS,
AD-656 127 20L U67 19

ALKALINE CELLS, TESTS
DESIGN OF STANDARD LINE OF VENTED SILVER-ZINC BATTERIES.
AD-656 623 10C U67 19 HC$ 3.00 MF$ 0.65

ALKANES, GAS DISCHARGES
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES.
AD-656 434 7D U67 19 HC$ 3.00 MF$ 0.65

ALKANES, OXIDATION
RESEARCH ON THE ELECTROCHEMICAL OXIDATION OF HEXANE AND ITS ISOMERS.
AD-656 472 10B U67 19 HC$ 3.00 MF$ 0.65

AD-656 496 10B U67 19 HC$ 3.00 MF$ 0.65

ALLOY
DESIGNS OF EXPERIMENTS AS TELESCOPING SEQUENCES OF BLOCKS FOR OPTIMUM SEEKING (AS INTENDED FOR ALLOY DEVELOPMENT).
N67-32485 12B S05 18 HC$ 3.00 MF$ 0.65

ALLOYS, TABLES
GRINDING RATIOS FOR AEROSPACE ALLOYS,
AD-483 995 11F U67 19 HC$ 3.00 MF$ 0.65

ALTITUDE SIMULATION
ALTITUDE PERFORMANCE OF A FULL-SCALE HIGH-TEMPERATURE TURBOJET ENGINE USING PENTABORANE FUEL AND HEF-2.
N67-31544 21E S05 18 HC$ 3.00 MF$ 0.65

ALUMINA, COLLOIDS
BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES,
AD-655 906 7D U67 19 HC$ 3.00 MF$ 0.65

ALUMINA, CRYSTAL GROWTH
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS.
AD-656 769 11B U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM
PROJECTILE SIZE EFFECTS ON HYPERVELOCITY IMPACT CRATERS IN ALUMINUM.
N67-31538 20K S05 18 HC$ 3.00 MF$ 0.65

THE MECHANICS OF REPEATED DISCONTINUOUS YIELDING OF METALS.
N67-32192 11F S05 18 HC$ 3.00 MF$ 0.65

ALUMINUM ALLOY
A STUDY OF HYDROGEN EMBRITTLEMENT OF VARIOUS ALLOYS ANNUAL SUMMARY REPORT, 24 JUN. 1966 - 23 JUN. 1967.
N67-32396 11F S05 18 HC$ 3.00 MF$ 0.65

INVESTIGATION OF BIAXIAL STRESS CORROSION IN TWO ALLOY FINAL REPORT, 29 JUN. 1966 - 28 MAY 1967.
N67-32634 11F S05 18 HC$ 3.00 MF$ 0.65

ALUMINUM ALLOYS, DECOMPOSITION
EARLY STAGES OF SPINODAL DECOMPOSITION IN AN ALUMINUM-ZINC ALLOY,
AD-656 666 11F U67 19

ALUMINUM ALLOYS, FATIGUE(MECHANICS)
A COMPARISON OF THE FATIGUE BEHAVIOUR OF TWO ALUMINUM-ZINC-MAGNESIUM ALLOYS.
AD-656 141 11F U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM ALLOYS, OXIDES
FILTRATION OF ALUMINUM ALLOYS TO REDUCE OXIDE CONTENT.
AD-656 456 11F U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM ALLOYS, STRESS CORROSION
STRESS-CORROSION STUDIES OF ALUMINUM ALLOY 5456-H321 IN SEAWATER.
AD-656 573 11F U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM COATINGS, PRESSES(MACHINERY)
ALUMINUM SHEATHING PRESS,
AD-656 519 13I U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM, COMBUSTION
THE COMBUSTION OF POROUS ALUMINUM PLUGS WITH OXYGEN THROUGHOUT.
AD-656 762 21B U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM, CORROSION INHIBITION
REPORT OF CORROSION TESTS AND ANALYSIS OF COMPACT HEAT EXCHANGERS,
AD-656 617 13A U67 19 HC$ 3.00 MF$ 0.65

ALUMINUM, WIRE
ALUMOWELD A NEW BIMETALLIC WIRE FOR ELECTRICAL AND STRENGTH APPLICATIONS,
AD-656 287 11F U67 19 HC$ 3.00 MF$ 0.65

ADVANTAGES AND LIMITATIONS OF INSULATED ALUMINUM WIRE AND CABLE. APPENDIX OF TABLES AND CHARTS,
AD-656 511 11F U67 19 HC$ 3.00 MF$ 0.65

AMINES, MICROANALYSIS
THE ROLE OF PUTRESCINE IN MICROBIAL METABOLISM.
AD-656 737 6A U67 19 HC$ 3.00 MF$ 0.65

AMINES, PH
INFLUENCE DES EFFETS INDUCTIFS ET STERIQUES SUR LA BASICITE DES AMINES TERTIAIRES (INFLUENCE OF THE INDUCTIVE AND STERIC EFFECTS ON THE BASICITY OF TERTIARY AMINES),
AD-655 876 7C U67 19

AMINO ACIDS, HEMOGLOBIN
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA-CHAIN OF RABBIT HEMOGLOBIN,
AD-656 222 6C U67 19

AMMONIUM COMPOUNDS, EXPLOSIONS
INVESTIGATION OF SENSITIVITY OF FERTILIZER GRADE AMMONIUM NITRATE TO EXPLOSION.
AD-655 888 19D U67 19 HC$ 3.00 MF$ 0.65

AMMONIUM COMPOUNDS, MAGNETIC FIELDS
CRYSTALLIZATION OF FE(NH4)26H2O ON A SEED IN MAGNETIC FIELDS UP TO 140 KOE,
AD-656 123 20L U67 19

AMPHIBIOUS VEHICLES, PERFORMANCE(ENGINEERING)
ANALYSIS OF ESTIMATED RIVER EXITING PERFORMANCE.
AD-656 607 13J U67 19 HC$ 3.00 MF$ 0.65

ANALOG-TO-DIGITAL CONVERTER
REPORT OF THE SESSION OF THE WGLR SUBCOMMITTEE ON AERODYNAMICAL COMPUTER TECHNOLOGY.
N67-31881 1A S05 18 HC$ 3.00 MF$ 0.65

ANCHORS(MARINE), CABLES(MECHANICAL)
HYDRODYNAMIC FORCES ON AN ANCHOR CABLE,
AD-655 959 13J U67 19 HC$ 3.00 MF$ 0.65

ANEMOMETERS, CIRCUITS
A CONSTANT TEMPERATURE HOT-WIRE ANEMOMETER.
AD-656 148 4B U67 19

ANGULAR DISTRIBUTION
ANGULAR DISTRIBUTIONS AND ENERGY SPECTRA OF ELECTRONS TRANSMITTED THROUGH AND REFLECTED FROM ELEMENTAL FOILS.
N67-31706 20H S05 18 HC$ 3.00 MF$ 0.65

ANGULAR DISTRIBUTION OF THICK-TARGET BREMSSTRAHLUNG WHICH INCLUDES MULTIPLE ELECTRON SCATTERINGS.
N67-32121 20H S05 18 HC$ 3.00 MF$ 0.65

ANIMAL STUDY
THE EFFECT OF ELECTROMAGNETIC AND MAGNETIC FIELDS ON THE CENTRAL NERVOUS SYSTEM.
N67-31733 6P S05 18 HC$ 3.00 MF$ 0.65

CARDIOVASCULAR EFFECTS OF VIBRATION SEMIANNUAL REPORT, 1 AUG. - 31 DEC. 1966.
N67-31859 6S S05 18 HC$ 3.00 MF$ 0.65

ANNEALING
PRODUCTION AND ANNEALING OF INTRINSIC DEFECTS IN X-RAY IRRADIATED CADMIUM SULFIDE.
N67-31812 20L S05 18 HC$ 3.00 MF$ 0.65

PRODUCTION AND ANNEALING OF INTRINSIC DEFECTS IN X-RAY IRRADIATED CD S SINGLE CRYSTALS.
N67-31844 20L S05 18 HC$ 3.00 MF$ 0.65

ANODE
ELECTROCHEMICAL STUDY OF ANODIC OXIDE LAYERS OF TANTALUM.
N67-32267 7D S05 18 HC$ 3.00 MF$ 0.65

ANODES(ELECTROLYTIC CELL), FLUORINATION
ELECTROCHEMICAL STUDIES IN THE SYNTHESIS OF N-F COMPOUNDS.
AD-442 627 7D U67 19 HC$ 3.00

ANTARCTICA
SOVIET ANTARCTIC EXPEDITIONS, 1959 - 1961.
N67-32168 14B S05 18 HC$ 3.00 MF$ 0.65

SOVIET ANTARCTIC EXPEDITIONS, 1955 - 1959.
N67-32170 14B S05 18 HC$ 3.00 MF$ 0.65

ANTENNA ARRAYS, SEISMIC WAVES
RESPONSE OF SEISMIC ARRAYS TO WIDE-BAND SIGNALS.
AD-656 344 9E U67 19 HC$ 3.00 MF$ 0.65

ANTENNA RADIATION PATTERNS, PLASMA SHEATH
ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA,
AD-656 358 20I U67 19 HC$ 3.00 MF$ 0.65

ANTENNA RADIATION PATTERNS, SATELLITE ANTENNAS
EARTH CONVERAGE FROM A CIRCULARLY SYMMETRIC SHAPED-BEAM ANTENNA ON A SYNCHRONOUS SATELLITE.
AD-656 707 9F U67 19 HC$ 3.00 MF$ 0.65

ANTENNAS, AIRBORNE
RESEARCH ON COMPACT AND EFFICIENT ANTENNAS.
AD-656 479 9E U67 19 HC$ 3.00 MF$ 0.65

ANTENNAS, ELECTROMAGNETIC WAVES
RADIATION EFFICIENCY OF VARIABLE-WAVE VELOCITY HORIZONTAL ANTENNA NEAR THE EARTH,
AD-656 397 9E U67 19 HC$ 3.00 MF$ 0.65

ANTENNAS, PHASED ARRAYS
THE THEORY AND PHYSICAL CONSTRAINTS OF AN ELECTRO-OPTICAL SIGNAL PROCESSOR FOR PHASED ARRAY ANTENNAS,
AD-446 299 9E U67 19 HC$ 3.00

ANTENNAS, REENTRY VEHICLES
ANTENNA BREAKDOWN IN HIGH-TEMPERATURE AIR,
AD-656 336 9E U67 19 HC$ 3.00 MF$ 0.65

ANTHROPOLOGY, PHILIPPINES
IMPACT OF MODERNIZATION IN THE PHILIPPINES.
AD-656 122 5K U67 19 HC$ 3.00 MF$ 0.65

ANTHROPOLOGY, THAILAND
SOCIAL STRUCTURE AND SHIFTING AGRICULTURE OF THE WHITE MEO.
AD-655 931 5K U67 19 HC$ 3.00 MF$ 0.65

ANTIMONY COMPOUND
THE CHEMISTRY AND LUMINESCENCE OF ANTIMONY- CONTAINING CALCIUM CHLORAPATITE.
N67-32266 7B S05 18 HC$ 3.00 MF$ 0.65

APERTURE
APERTURE REFLECTION COEFFICIENT OF A PARALLEL- PLATE WAVEGUIDE BY WEDGE DIFFRACTION ANALYSIS.
N67-31802 20N S05 18 HC$ 3.00 MF$ 0.65

APPLICATIONS TECHNOLOGY SATELLITE (ATS)
SOLAR POWER SYSTEMS FOR SATELLITES IN NEAR- EARTH ORBITS.
N67-32037 10B S05 18 HC$ 3.00 MF$ 0.65

GSFC PHASE A ANALYTICAL REPORT FOR ATS-F AND G.
N67-32118 22B S05 18 HC$ 3.00 MF$ 0.65

ARC WELDING, TITANIUM ALLOYS
PRODUCTION OF WELDED TUBES FROM TITANIUM AND ITS ALLOYS,
AD-656 566 13H U67 19 HC$ 3.00 MF$ 0.65

ARCTIC REGIONS, FOUNDATIONS(STRUCTURES)
PIONEER POLAR STRUCTURES - MOBILE FOUNDATION FOR JAMESWAYS UP TO 64 FEET LONG.
AD-656 587 13M U67 19 HC$ 3.00 MF$ 0.65

ARCTIC REGIONS, METEOROLOGY
BOUNDARY-LAYER METEOROLOGY AS DERIVED FROM REDUCTION OF THE FRIGORIMETER DATA. PART II. POLAR ZONES.
AD-656 604 4B U67 19 HC$ 3.00 MF$ 0.65

ARCTIC REGIONS, SCIENTIFIC RESEARCH
CANADIAN OPERATION 'HAZEN-TANQUARY', 1965 AND 1966.
AD-656 133 8F U67 19

ARGON, NEUTRON SCATTERING
ELASTIC SCATTERING OF NEUTRONS FROM O AND AR AT 14.0 MEV.
AD-655 953 20H U67 19

ARGON, SOLIDIFIED GASES
INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON,
AD-656 009 20L U67 19

ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON, KRYPTON AND XENON,
AD-656 010 20L U67 19

ARGON, TRANSPORT PROPERTIES
DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON,
AD-655 955 20C U67 19

ARMED FORCES OPERATIONS, PERCEPTION(PSYCHOLOGY)
LANREZAC, JOFFRE, AND PLAN XVII,
AD-656 947 5J U67 19

ARMED FORCES RESEARCH, DOCUMENTATION
SELECTED OFFICIAL PUBLICATIONS, PROFESSIONAL PAPERS, AND PATENTS, 1966 EDITION.
AD-656 582 5B U67 19 HC$ 3.00 MF$ 0.65

ARMY AIRCRAFT, DESIGN
CRASH SURVIVAL DESIGN GUIDE,
AD-656 621 13L U67 19 HC$ 3.00 MF$ 0.65

ARMY TRAINING, LEADERSHIP
PRELIMINARY ASSESSMENT OF THREE NCO LEADERSHIP PREPARATION TRAINING SYSTEMS.
AD-655 867 5I U67 19 HC$ 3.00 MF$ 0.65

ASCORBIC ACID, METABOLISM
VITAMIN C REQUIREMENTS IN STRESS,
AD-656 850 6P U67 19

ASPHALT, MECHANICAL PROPERTIES
FLOW BEHAVIOR OF ASPHALT CEMENTS.
PB-175 650 13B U67 19 HC$ 3.00 MF$ 0.65

ASTRONOMICAL MODEL
ON SOME MODELS OF ZODIACAL CLOUD.
N67-31987 3B S05 18 HC$ 3.00 MF$ 0.65

ASTRONOMICAL PHOTOGRAPHY
ASTROGEOLOGIC STUDIES. PART A - LUNAR AND PLANETARY INVESTIGATIONS ANNUAL PROGRESS REPORT, 1 JUL. 1965 - 1 JUL. 1966.
N67-31934 3A S05 18 HC$ 3.00 MF$ 0.65

ASTRONOMY, REPORTS
RESEARCH DIRECTED TOWARD REFINEMENT OF GEODETIC TECHNIQUES UTILIZING TERRESTRIAL AND SPATIAL CONFIGURATIONS.
AD-655 933 3A U67 19 HC$ 3.00 MF$ 0.65

ASTROPHYSICS
STUDIES IN COMETARY ASTROPHYSICS FINAL REPORT, 19 MAY 1965 - 18 MAY 1967.
N67-32289 3B S05 18 HC$ 3.00 MF$ 0.65

ASYMPTOTIC FUNCTION
THE LAMINAR BOUNDARY LAYER IN A RADIATING ABSORBING GAS NEAR A FLAT PLATE.
N67-31858 20M S05 18 HC$ 3.00 MF$ 0.65

ATLANTIC OCEAN, OCEANOLOGY
TRACK CHARTS AND BATHYMETRY, USNS JOSIAH WILLARD GIBBS (T-AGOR 1) OPERATION 240, NORTH ATLANTIC OCEAN, 21 SEPTEMBER 1966-3 OCTOBER 1966.
AD-656 718 8J U67 19 HC$ 3.00 MF$ 0.65

ATLAS CENTAUR LAUNCH VEHICLE
BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME V - TECHNICAL ANALYSIS OF A 200-POUND BVS FINAL REPORT.
N67-32392 22A S05 18 HC$ 3.00 MF$ 0.65

ATMOSPHERE ENTRY, GLIDERS
THE SEPARATE COMPUTATION OF ARCS FOR OPTIMAL FLIGHT PATHS WITH STATE VARIABLE INEQUALITY CONSTRAINTS.
AD-656 394 12A U67 19 HC$ 3.00 MF$ 0.65

A NEIGHBORING OPTIMUM FEEDBACK CONTROL SCHEME BASED ON ESTIMATED TIME-TO-GO WITH APPLICATION TO RE-ENTRY FLIGHT PATHS.
AD-656 395 22C U67 19 HC$ 3.00 MF$ 0.65

ATMOSPHERE MODELS, BOUNDARY LAYER
A DIABATIC SURFACE BOUNDARY LAYER MODEL.
AD-656 739 4B U67 19 HC$ 3.00 MF$ 0.65

ATMOSPHERE, MOON
ON THE DETECTION OF WATER ON THE MOON,
AD-655 977 3A U67 19

ATMOSPHERE, SOLAR RADIATION
SOLAR RADIATION AND ATMOSPHERIC ABSORPTION IN THE MM WAVE REGION.
AD-656 754 4A U67 19 HC$ 3.00 MF$ 0.65

ATMOSPHERIC MOTION, MATHEMATICAL ANALYSIS
DYNAMIC EVALUATION OF RADAR AND PHOTO TRACKING SYSTEMS,
AD-656 738 4A U67 19 HC$ 3.00 MF$ 0.65

ATMOSPHERIC SOUNDING, BALLOONS
SUPERPRESSURE BALLOONS FOR HORIZONTAL SOUNDINGS OF THE ATMOSPHERE.
PB-175 658 4A U67 19 HC$ 3.00 MF$ 0.65

ATMOSPHERIC SOUNDING, TELEMETER SYSTEMS
A STUDY OF TELEMETRY SYSTEMS FOR GUN LAUNCHED UPPER ATMOSPHERE PROBES,
AD-655 874 9F U67 19

ATMOSPHERIC TEMPERATURE
ERROR ANALYSIS OF INVERSION TECHNIQUES FINAL REPORT.
N67-31993 4A S05 18 HC$ 3.00 MF$ 0.65

ATMOSPHERIC TEMPERATURE, FLIGHT PATHS
A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES.
AD-656 809 4B U67 19 HC$ 3.00 MF$ 0.65

ATMOSPHERIC TEMPERATURE, STRATOSPHERE
A REVIEW OF SEVEN PAPERS CONCERNING THE MEASUREMENT OF TEMPERATURE IN THE STRATOSPHERE AND MESOSPHERE,
AD-656 461 4A U67 19 HC$ 3.00 MF$ 0.65

ATOMIC ENERGY LEVELS, HYPERFINE STRUCTURE
RESEARCH IN ATOMIC AND MOLECULAR PROPERTIES BY THE MOLECULAR BEAM METHOD.
AD-656 734 7D U67 19 HC$ 3.00 MF$ 0.65

ATOMIC ENERGY LEVELS, LASERS
STUDY OF CROSS RELAXATION AND GLASS LASER AMPLIFIERS.
AD-656 763 20E U67 19 HC$ 3.00 MF$ 0.65

ATOMIC ENERGY LEVELS, PERTURBATION THEORY
PERTURBATION THEORY EXPANSIONS THROUGH 20TH ORDER OF MASS POLARIZATION CORRECTION, RELATIVISTIC EFFECTS AND LAMB SHIFT OF THE TWO-ELECTRON SYSTEM (1S)2 1S,
AD-656 002 7D U67 19

ATOMIC ENERGY LEVELS, PLASMA MEDIUM
EXCITED ATOMS IN DECAYING OPTICALLY THICK PLASMAS,
AD-656 954 20I U67 19

ATOMIC ENERGY LEVELS, WAVE FUNCTIONS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-655 986 20L U67 19 HC$ 3.00 MF$ 0.65

ATOMIC ORBITALS, INTERACTIONS
STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV.
AD-655 999 20H U67 19

ATOMIC SPECTROSCOPY, MICROWAVE FREQUENCY
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
AD-656 618 9C U67 19 HC$ 3.00 MF$ 0.65

ATTENTION, PERFORMANCE(HUMAN)
EFFECTS OF TEMPORAL UNCERTAINTY ON WATCHKEEPING PERFORMANCE,
AD-656 139 5J U67 19

ATTENUATORS, REFLECTION
REFLECTIONS FROM ROTARY-VANE PRECISION ATTENUATORS.
AD-655 954 9A U67 19

ATTITUDE
CORRELATES OF AMBIVALENCE, RISK-TAKING AND RIGIDITY FINAL SCIENTIFIC REPORT.
N67-32671 5J S05 18 HC$ 3.00 MF$ 0.65

ATTITUDE CONTROL
EQUILIBRIUM ANALYSIS AND ITS APPLICATION TO ATTITUDE CONTROL SYSTEMS.
N67-32339 22B S05 18 HC$ 3.00 MF$ 0.65

ATTITUDE CONTROL SYSTEMS, PERFORMANCE(ENGINEERING)
PERFORMANCE OF THE SPIN CONTROL SYSTEM OF THE OME-A SATELLITE.
AD-656 730 22C U67 19 HC$ 3.00 MF$ 0.65

AUDITORY PERCEPTION, MOTOR REACTIONS
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION,
AD-655 983 5J U67 19

AUDITORY PERCEPTION, PERFORMANCE(HUMAN)
IDENTIFICATION OF SEQUENTIAL AUDITORY AND VISUAL STIMULI,
AD-656 652 5J U67 19

AUSTRALIA
ISOGONIC MAP OF AUSTRALIA AND NEW GUINEA FOR THE EPOCH, 1965.0.
N67-31976 8N S05 18 HC$ 3.00 MF$ 0.65

GIPPSLAND BASIN AIRBORNE MAGNETIC SURVEYS, VICTORIA, 1951-52 AND 1956.
N67-32109 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1955-1956.
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MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1957 - 1958.
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MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1948-1950.
N67-32365 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1951-1952.
N67-32366 8N S05 18 HC$ 3.00 MF$ 0.65

AUTOMATIC CONTROL
REPORT ON THE SESSION OF THE WGLR SUBCOMMITTEE ON FLIGHT CONTROL.
N67-31956 1A S05 18 HC$ 3.00 MF$ 0.65

CRUFT LABORATORY SEMIANNUAL PROGRESS REPORT, 1 JUL. - 31 DEC. 1966.
N67-32215 9C S05 18 HC$ 3.00 MF$ 0.65

AUTOMATIC DATA PROCESSING SYSTEM
REPORT OF THE SESSION OF THE WGLR SUBCOMMITTEE ON

AERODYNAMICAL COMPUTER TECHNOLOGY.
N67-31381 1A S05 18 HC$ 3.00 MF$ 0.65

AUTOMATION
STATION AUTOMATION.
N67-31673 22D S05 18 HC$ 3.00 MF$ 0.65

AUTOMATION, AIR FORCE
IMPACT OF THE COMPUTER ON JOB ANALYSIS IN THE UNITED STATES AIR FORCE,
AD-656 304 5I U67 19 HC$ 3.00 MF$ 0.65

AUTOMATION, MATHEMATICAL MODELS
FUNCTIONAL LAGRANGE EXPANSION IN STATE SPACE AND THE S-DOMAIN.
AD-655 987 12A U67 19

AUXILIARY POWER PLANTS, REPORTS
PROGRESS REPORT FOR SNAP GENERAL SUPPORTING TECHNOLOGY, NOVEMBER 1966-JANUARY 1967,
NAA-SR-12316 18F N21 15 HC$ 3.00 MF$ 0.65

AVIATION ACCIDENTS, HUMAN ENGINEERING
AIRCRAFT DESIGN-INDUCED PILOT ERROR.
PB-175 629 1B U67 19 HC$ 3.00 MF$ 0.65

AVIATION ACCIDENTS, SURVIVAL
CRASH SURVIVAL DESIGN GUIDE,
AD-656 621 13L U67 19 HC$ 3.00 MF$ 0.65

AVIATION MEDICINE, VISION
THE PROBLEMS OF VISION IN FLIGHT AT HIGH ALTITUDE,
AD-655 967 6S U67 19 HC$ 3.00 MF$ 0.65

AVIATION PERSONNEL, COSTS
OFFICER PERSONNEL COSTS NAVAL AVIATION CADET (NAVCAD),
AD-483 425 5I U67 19 HC$ 3.00 MF$ 0.65

AVIATION PERSONNEL, SELECTION
RELATIONSHIP OF AFQT SCORES TO MEASURES OF SUCCESS IN UNDERGRADUATE PILOT AND NAVIGATOR TRAINING,
AD-656 303 5I U67 19 HC$ 3.00 MF$ 0.65

AXIAL COMPRESSION
STRUCTURAL EFFICIENCY OF RING-STIFFENED CORRUGATED CYLINDERS IN AXIAL COMPRESSION.
N67-32382 20K S05 18 HC$ 3.00 MF$ 0.65

AXIAL FLOW TURBINE
DESIGN AND EXPERIMENTAL INVESTIGATION OF TWO ROTOR BLADE MODIFICATIONS FOR A HIGH WEIGHT FLOW, LOW PRESSURE RATIO TURBINE.
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AXIALLY SYMMETRIC FLOW, THERMODYNAMICS
TWO AXISYMMETRIC STEADY-STATE THERMOELASTICITY PROBLEMS FOR TRANSVERSELY ISOTROPIC SOLIDS,
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AXIAL-FLOW COMPRESSORS, TWO-DIMENSIONAL FLOW
A METHOD OF CALCULATING QUASI TWO-DIMENSIONAL FLOWS THROUGH CASCADES,
AD-656 428 20D U67 19 HC$ 3.00 MF$ 0.65

AZIDES, DECOMPOSITION
MATHEMATICAL AND EXPERIMENTAL INVESTIGATION OF THERMAL INITIATION OF EXPLOSION.
AD-656 757 19D U67 19 HC$ 3.00 MF$ 0.65

BACTERIA, GAMMA RAYS
THE EFFECT OF REPEATED TREATMENT WITH GAMMA RAYS ON THE RADIO-RESISTANLATED BACTERIA,
TID-23707 6H N21 15 HC$ 3.00 MF$ 0.65

BACTERIOPHAGES, NEISSERIA MENINGITIDIS
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AD-655 941 6M U67 19

BAHAMA ISLANDS, OCEAN BOTTOM TOPOGRAPHY
MICROTOPOGRAPHY OF THE BLAKE-BAHAMA REGION.
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BALLAST TANKS, SLOSHING
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BALLISTIC MISSILE
EXPERIMENTAL INVESTIGATION OF BASE HEATING AND ROCKET HINGE MOMENTS FOR A SIMULATED MISSILE THROUGH A MACH NUMBER RANGE OF 0.8 TO 2.0.
N67-31731 21H S05 18 HC$ 3.00 MF$ 0.65

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BALLOON FLIGHT
COSMIC DUST IN THE STRATOSPHERE.
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SUPERPRESSURE BALLOONS FOR HORIZONTAL SOUNDINGS OF THE ATMOSPHERE.
PB-175 658 4A U67 19 HC$ 3.00 MF$ 0.65

BALLOONS, SYMPOSIA
PROCEEDINGS, FOURTH AFCRL SCIENTIFIC BALLOON SYMPOSIUM.
AD-656 692 1C U67 19 HC$ 3.00 MF$ 0.65

BAND SPECTRUM, INTENSITY
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AD-656 493 7D U67 19

BAND THEORY OF SOLIDS, CADMIUM SULFIDES
ENERGY BAND STRUCTURE OF CDS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS,
AD-656 154 20L U67 19

BAND THEORY OF SOLIDS, DIELECTRIC PROPERTIES
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BAND THEORY OF SOLIDS, GRAPHITE
CORRELATION EFFECTS IN THE BAND STRUCTURE OF GRAPHITE,
AD-656 039 20L U67 19

BAND THEORY OF SOLIDS, MAGNETIC MATERIALS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-655 966 20L U67 19 HC$ 3.00 MF$ 0.65

BAND THEORY OF SOLIDS, PHOTOELECTRIC EFFECT
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AD-656 365 20L U67 19

BAND THEORY OF SOLIDS, SEMICONDUCTORS
THE EQUIVALENT CIRCUIT MODEL IN SOLID-STATE ELECTRONICS. PART II. THE MULTIPLE ENERGY LEVEL IMPURITY CENTERS.
AD-655 985 20L U67 19

THE EQUIVALENT CIRCUIT MODEL IN SOLID-STATE ELECTRONICS. PART I. THE SINGLE ENERGY LEVEL DEFECT CENTERS.
AD-655 986 20L U67 19

BAND THEORY OF SOLIDS, SILICON CARBIDES
THE CONDUCTION BANDS IN 6H AND 15R SILICON CARBIDE. I. HALL EFFECT AND INFRA-RED FARADAY ROTATION MEASUREMENTS.
AD-656 008 20L U67 19 HC$ 3.00 MF$ 0.65

BARGAINING, LEADERSHIP
LEADERSHIP IN NEGOTIATIONS AND THE COMPLEXITY OF CONCEPTUAL STRUCTURE.
AD-656 368 5J U67 19 HC$ 3.00 MF$ 0.65

BARIUM COMPOUNDS, HYSTERESIS
CONSTRICTED HYSTERESIS LOOPS OF BARIUM TITANATE.
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BARYONS, FIELD THEORY
DYNAMICAL THEORY OF BARYONS AND LEPTONS,
AD-656 753 20H U67 19 HC$ 3.00 MF$ 0.65

BARYONS, MASS SPECTRUM
MASS EMPIRICS,
AD-656 210 20J U67 19

BARYONS, NUCLEAR SCATTERING
U(6,6) AND SUPERCONVERGENT SUM RULES FOR MESON-BARYON SCATTERING,
AD-656 001 20H U67 19 HC$ 3.00 MF$ 0.65

BATHYTHERMOGRAPH DATA, ATLANTIC OCEAN
TRACK CHARTS AND BATHYMETRY, USNS JOSIAH WILLARD GIBBS (T-AGOR 1) OPERATION 240, NORTH ATLANTIC OCEAN, 21 SEPTEMBER 1966-3 OCTOBER 1966.
AD-656 718 8J U67 19 HC$ 3.00 MF$ 0.65

BATTERIES + COMPONENTS, DESIGN
DESIGN OF STANDARD LINE OF VENTED SILVER-ZINC BATTERIES.
AD-656 623 10C U67 19 HC$ 3.00 MF$ 0.65

BEACHES, NORTH CAROLINA
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AD-656 145 8F U67 19

BEAMS(STRUCTURAL), BONDING
EPOXY BONDED AGGREGATES AS A SHEAR CONNECTING MEDIUM IN COMPOSITE BEAM CONSTRUCTION,
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BEAMS(STRUCTURAL), FATIGUE(MECHANICS)
BEHAVIOR OF WELDED BUILT-UP BEAMS UNDER REPEATED FLEXURAL LOADS,
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BEARINGS, FOILS
FINITE WIDTH EFFECTS ON THE SELF ACTING FOIL BEARING.
AD-802 009 13I U67 19 HC$ 3.00 MF$ 0.65

BEEF, PRODUCTION
A STUDY TO INVESTIGATE THE FEASIBILITY OF THE EXPANSION AND DIVERSIFICATION OF INTEGRATED CATTLE FEEDING AND BEEF PRODUCTION ON THE GILA RIVER INDIAN RESERVATION NEAR PHOENIX, ARIZONA.
PB-175 704 2B U67 19 HC$ 3.00 MF$ 0.65

BERYLLIUM ALLOYS, MACHINING
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AD-485 297 13H U67 19 HC$ 3.00 MF$ 0.65

BERYLLIUM COMPOUNDS, OXIDES
A CALCULATION OF THE AGE AND FAST EFFECT FOR MONOENERGETIC NEUTRONS IN BE AND BEO,
UCRL-50229 20H N21 15 HC$ 3.00 MF$ 0.65

BERYLLIUM, NEUTRONS
A CALCULATION OF THE AGE AND FAST EFFECT FOR MONOENERGETIC NEUTRONS IN BE AND BEO,
UCRL-50229 20H N21 15 HC$ 3.00 MF$ 0.65

BERYLLIUM, TRANSPORT PROPERTIES
IONIC THERMOCURRENTS IN ALKALI HALIDE CRYSTALS CONTAINING SUBSTITUTIONAL BERYLLIUM IONS.
AD-656 087 20L U67 19 HC$ 3.00 MF$ 0.65

BIBLIOGRAPHY
REVIEW AND EVALUATION OF PAST SOLAR CELL DEVELOPMENT EFFORTS.
N67-32180 10A S05 18 HC$ 3.00 MF$ 0.65

BIOCHEMISTRY
ULTRAWEAK LUMINESCENCE ACCOMPANYING BIOCHEMICAL REACTIONS.
N67-31815 6A S05 18 HC$ 3.00 MF$ 0.65

BIOMETRY, GROWTH
CONTROLLING A LETHAL GROWTH PROCESS,
AD-656 484 6P U67 19 HC$ 3.00 MF$ 0.65

BIONICS, VISION
A MODEL OF THE AVIAN RETINA.
AD-655 907 6D U67 19 HC$ 3.00 MF$ 0.65

BIOTECHNOLOGY
BIOMEDICAL APPLICATIONS OF NASA SCIENCE AND TECHNOLOGY QUARTERLY PROGRESS REPORT, 15 DEC. 1966 - 14 MAR. 1967.
N67-32617 6B S05 18 HC$ 3.00 MF$ 0.65

BISMUTH, SPECTROSCOPY
SPECTROPHOTOMETRIC DETERMINATION OF BISMUTH,
AD-656 135 7B U67 19

BLOOD CIRCULATION, HIGH ALTITUDE
EFFECT OF HIGH ALTITUDE TO HEMATOPOIETIC PROCESS.
AD-656 529 6P U67 19 HC$ 3.00 MF$ 0.65

BLOOD COAGULATION, POLYMERS
DEVELOPMENT OF BLOOD-COMPATIBLE POLYMERIC MATERIALS.
PB-175 668 6A U67 19 HC$ 3.00 MF$ 0.65

BLOOD PRESSURE
TRENDS IN SYSTOLIC BLOOD PRESSURE IN THE THOUSAND AVIATOR COHORT OVER A 24-YEAR PERIOD.
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BLOOD, FREEZING
NON-THERMAL EFFECTS OF ALTERNATING ELECTRICAL FIELDS ON BIOLOGICAL STRUCTURES.
AD-656 736 6A U67 19 HC$ 3.00 MF$ 0.65

BODIES OF REVOLUTION, SURFACES
CORRECTING FORM ERRORS IN NUMERICALLY CONTROLLED MACHINED, POINT-DEFINED, SURFACES OF REVOLUTION,
Y-1576 13H N21 15 HC$ 3.00 MF$ 0.65

BODY-WING COMBINATION
THE EFFECT OF TRAILING-EDGE CONTROL DEFLECTION ON THE LOADING OVER A 60 DEG DELTA-WING-BODY COMBINATION.
N67-31739 1A S05 18 HC$ 3.00 MF$ 0.65

MEASUREMENTS OF FLOW PROPERTIES IN THE VICINITY OF THREE WING-FUSELAGE COMBINATIONS AT MACH NUMBERS OF 1.61 AND 2.01.
N67-32309 1A S05 18 HC$ 3.00 MF$ 0.65

BOILERS, CORROSION
FORMATION OF ALKALI IRON SULFATES AND OTHER COMPOUNDS CAUSING CORROSION IN BOILERS AND GAS TURBINES.
AD-656 306 11F U67 19 HC$ 3.00 MF$ 0.65

BOILERS, ULTRASONIC RADIATION
THE RESULTS OF ULTRASONIC TESTING IN THE PRACTICE OF MACHINE AND BOILER CONSTRUCTION CONCERNING THE MATERIAL AND STRENGTH PROPERTIES OF COMPONENTS,
JRNL-TX-1369 13H N21 15 HC$ 3.00 MF$ 0.65

BOMBS, DRAG
SOME EFFECTS OF AIRCRAFT GEOMETRY ON THE INCREMENTAL DRAG CHARACTERISTICS OF MARK 82 BOMBS,
AD-656 059 19B U67 19 HC$ 3.00 MF$ 0.65

BONDED JOINTS, MECHANICAL PROPERTIES
STUDY OF MICROMECHANICAL PROPERTIES OF ADHESIVE BONDED JOINTS.
AD-655 890 11A U67 19 HC$ 3.00 MF$ 0.65

BONDING, BEAMS(STRUCTURAL)
EPOXY BONDED AGGREGATES AS A SHEAR CONNECTING MEDIUM IN COMPOSITE BEAM CONSTRUCTION,
PB-175 647 13M U67 19 HC$ 3.00 MF$ 0.65

BONDING, RUBBER COATINGS
THE SYSTEMATIC CONTROL OF RUBBER TO METAL ADHESION IN THE WIRE AND CABLE INDUSTRY,
AD-656 239 13H U67 19 HC$ 3.00 MF$ 0.65

BORANES, ELASTOMERS
PHYSICAL AND MECHANICAL PROPERTIES OF POLY-M-CARBORANYLENESILOXANE COPOLYMERS.
AD-656 049 11J U67 19 HC$ 3.00 MF$ 0.65

BORANES, REINFORCED PLASTICS
FIBER REINFORCED BORANE-BASED RESIN COMPOSITES. A NEW APPROACH TO OXIDATIVE THERMAL STABILITY.
AD-656 088 11D U67 19 HC$ 3.00 MF$ 0.65

BORANES, SYNTHESIS(CHEMISTRY)
B6H10 PREPARATION.
AD-656 593 7B U67 19

BORATES, POLYMERIZATION
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE-POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION,
AD-656 021 7D U67 19

BORON COMPOUNDS, CHEMICAL REACTIONS
GASEOUS BORUXINE MECHANISM OF REACTION WITH BORON TRIHALIDES,
AD-656 646 7B U67 19

BORON COMPOUNDS, PHOTOCHEMISTRY
THE PHOTOCHEMISTRY OF BORAZINE. PREPARATION OF B-MONOHYDROXYBORAZINE, DIBORAZINYL ETHER AND B-MONOAMINOBORAZINE,
AD-656 645 7E U67 19

BORON OXIDE
EXPERIMENTAL BEHAVIOR OF PENTABORANE-AIR COMBUSTION PRODUCTS DURING EXPANSION IN A CONVERGENT DIVERGENT NOZZLE.
N67-31730 21E S05 18 HC$ 3.00 MF$ 0.65

BORON, CORROSION
CORROSION OF BORON-STAINLESS STEEL BY NITRIC ACID,
XFP-781 11F N21 15 HC$ 3.00 MF$ 0.65

BORON, PURIFICATION
PURIFICATION AND CRYSTALLIZATION OF AMORPHOUS BORON POWER RECOVERY AND PURIFICATION OF BORON FROM RESIDUES AND SCRAP.
TID-23704 11F N21 15 HC$ 3.00 MF$ 0.65

BOSON
REPORT PRESENTED AT INTERNATIONAL SYMPOSIUM ON ELECTRON AND POSITRON STORAGE RINGS, PART II.
N67-31961 20G S05 18 HC$ 3.00 MF$ 0.65

BOSONS, NUCLEAR ENERGY LEVELS
CHARGED BOSON GAS AT HIGH DENSITY,
AD-656 660 20H U67 19

BOSONS, NUCLEAR SPINS
COVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN,
AD-655 886 20H U67 19 HC$ 3.00 MF$ 0.65

BOUNDARY LAYER CONTROL SYSTEMS, TRANSPORT PLANES
BOUNDARY LAYER CONTROL SYSTEM INSTALLATION FOR THE YCV-2B AIRPLANE.
AD-656 480 1C U67 19 HC$ 3.00 MF$ 0.65

BOUNDARY LAYER FLOW
OSCILLATORY AND TRANSITORY EKMAN BOUNDARY LAYERS.
N67-31520 4B S05 18 HC$ 3.00 MF$ 0.65

BOUNDARY LAYER TRANSITION, REYNOLDS NUMBER
TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS.
AD-656 780 20D U67 19 HC$ 3.00 MF$ 0.65

BOUNDARY LAYER, REENTRY VEHICLES
A FINITE-DIFFERENCE METHOD SOLUTION OF NON-SIMILAR, EQUILIBRIUM AND NON-EQUILIBRIUM AIR, BOUNDARY LAYER EQUATIONS WITH LAMINAR AND TURBULENT VISCOSITY MODELS. PART I. ANALYSIS.
AD-474 645 1A U67 19 HC$ 3.00 MF$ 0.65

BOUNDARY VALUE PROBLEM
ON A CLASS OF WAVE EQUATIONS.
N67-32471 12A S05 18 HC$ 3.00 MF$ 0.65

BOUNDARY VALUE PROBLEMS, DIFFERENCE EQUATIONS
ERROR BOUNDS ON NUMERICAL SOLUTIONS OF DIRICHLET PROBLEMS FOR QUASILINEAR ELLIPTIC EQUATIONS,
LA-3685 12A N21 15 HC$ 3.00 MF$ 0.65

BOUNDARY VALUE PROBLEMS, METAL PLATES
THE LAMBDA METHOD FOR BOUNDARY VALUE PROBLEMS.
AD-656 391 20K U67 19 HC$ 3.00 MF$ 0.65

BOUNDARY VALUE PROBLEMS, NONLINEAR DIFFERENTIAL EQUATIONS
APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NON-LINEAR DIFFERENTIAL EQUATIONS.
AD-656 782 12A U67 19 HC$ 3.00 MF$ 0.65

BRAIN INJURY
CERTAIN ASPECTS CONCERNING OXYGEN METABOLISM OF THE BODY EXPOSED TO PROLONGED ACCELERATIONS.
N67-32317 6S S05 18 HC$ 3.00 MF$ 0.65

BRASS, JOINTS
SHEAR STRENGTH OF SOFT-SOLDERED BRASS JOINTS AS A FUNCTION OF AGE AND TEMPERATURE HISTORY,
LA-3658 13- N21 15 HC$ 3.00 MF$ 0.65

BREMSSTRAHLUNG
ANGULAR DISTRIBUTION OF THICK-TARGET BREMSSTRAHLUNG WHICH INCLUDES MULTIPLE ELECTRON SCATTERINGS.
N67-32121 20H S05 18 HC$ 3.00 MF$ 0.65

BREMSSTRAHLUNG, NUMERICAL ANALYSIS
RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION,
AD-655 981 20H U67 19

BRIDGES, LOAD DISTRIBUTION
LATERAL DISTRIBUTION OF DYNAMIC LOADS IN A PRESTRESSED CONCRETE BOX-BEAM BRIDGE DREHERSVILLE BRIDGE,
PB-175 637 13M U67 19 HC$ 3.00 MF$ 0.65

BRIDGES, STRUCTURES
ANALYSIS OF SIMPLY SUPPORTED BOX GIRDER BRIDGES REPORT OF AN INVESTIGATION,
PB-175 646 13M U67 19 HC$ 3.00 MF$ 0.65

ACTIVATION, GROWTH, AND DETACHMENT OF BOILING BUBBLES IN WATER FROM ARTIFICIAL NUCLEATION SITES OF KNOWN GEOMETRY AND SIZE.
N67-32560 20M S05 18 HC$ 3.00 MF$ 0.65

BUCKLING
STRUCTURAL EFFICIENCY OF RING-STIFFENED CORRUGATED CYLINDERS IN AXIAL COMPRESSION.
N67-32382 20K S05 18 HC$ 3.00 MF$ 0.65

BUILDINGS, ACOUSTIC PROPERTIES
SOUND INSULATION OF WALL, FLOOR AND DOOR CONSTRUCTIONS.
N65-MONO-77 20A U67 19 HC$ 0.40 MF$ 0.65

BUILDINGS, MAINTENANCE
DEVELOPMENT OF A CONDITION OF MAINTENANCE RATING SCALE AND SAMPLING PROCEDURES FOR BUILDINGS OF THE NAVAL SHORE ESTABLISHMENT.
AD-656 584 13M U67 19 HC$ 3.00 MF$ 0.65

BUTYL RUBBER, AGING(MATERIALS)
THE SIGNIFICANCE OF ACCELERATED AGING TESTING OF RUBBER INSULATION.
AD-656 115 11J U67 19 HC$ 3.00 MF$ 0.65

BUTYL RUBBER, ELECTRIC INSULATION
BUTYL INSULATION.
AD-656 253 11I U67 19 HC$ 3.00 MF$ 0.65

BUTYL POLYMER COMPOUNDING FOR INSULATIONS.
AD-656 272 11J U67 19 HC$ 3.00 MF$ 0.65

ENJAY BUTYL IN LOW VOLTAGE APPLICATIONS.
AD-656 284 11J U67 19 HC$ 3.00 MF$ 0.65

BUTYL RUBBER, POLYETHYLENE PLASTICS
THE MODIFICATION OF BUTYL RUBBER WITH POLYETHYLENE FOR WIRE AND CABLE.
AD-656 102 11J U67 19 HC$ 3.00 MF$ 0.65

BUTYL RUBBER, TALC
SOME RECENT STUDIES OF ELECTRICAL GRADE FILLERS IN BUTYL RUBBER AND OTHER INSULATION MATERIALS.
AD-656 191 11J U67 19 HC$ 3.00 MF$ 0.65

CABLES(MECHANICAL), HYDRODYNAMICS
HYDRODYNAMIC FORCES ON AN ANCHOR CABLE.
AD-655 959 13J U67 19 HC$ 3.00 MF$ 0.65

CADMIUM COMPOUNDS, BAND THEORY OF SOLIDS
PHOTOEMISSION STUDY OF THE ELECTRONIC STRUCTURE OF CDTE.
AD-656 365 20L U67 19

CADMIUM SELENIDES, TRANSPORT PROPERTIES
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF CDSE, CDS, AND CDISE SUB X S SUB 1-X).
AD-656 151 20L U67 19

CADMIUM SULFIDE
PRODUCTION AND ANNEALING OF INTRINSIC DEFECTS IN X-RAY IRRADIATED CADMIUM SULFIDE.
N67-31812 20L S05 18 HC$ 3.00 MF$ 0.65

PRODUCTION AND ANNEALING OF INTRINSIC DEFECTS IN X-RAY IRRADIATED CD S SINGLE CRYSTALS.
N67-31844 20L S05 18 HC$ 3.00 MF$ 0.65

EFFECT OF VARIOUS OPTICAL RADIATIONS AND WATER VAPOR ON TRAPPING SPECTRUM OF CADMIUM SULFIDE.
N67-32122 20L S05 18 HC$ 3.00 MF$ 0.65

X-RAY AND ELECTRON DAMAGE, AND PHOTOCHEMICAL REACTIONS IN CD S SINGLE CRYSTALS AND LAYERS, AND ANNEALING OF THESE DEFECTS FINAL REPORT.
N67-32395 20L S05 18 HC$ 3.00 MF$ 0.65

CADMIUM SULFIDES, ABSORPTION SPECTRUM
TWO-PHOTON ABSORPTION SPECTRUM OF CDS.
AD-655 971 20L U67 19

CADMIUM SULFIDES, BAND THEORY OF SOLIDS
ENERGY BAND STRUCTURE OF CDS USING SELF-CONSISTENT OPW AND PSEUDOPOTENTIAL METHODS.
AD-656 154 20L U67 19

CADMIUM SULFIDES, TRANSPORT PROPERTIES
PHONON COUPLING IN EDGE EMISSION AND PHOTOCONDUCTIVITY OF CDSE, CDS, AND CDISE SUB X S SUB 1-X).
AD-656 151 20L U67 19

SLOW MOVING FIELD DOMAINS IN CDS IN THE RANGE OF NEGATIVE DIFFERENTIAL CONDUCTIVITY.
AD-656 745 20L U67 19 HC$ 3.00 MF$ 0.65

CADMIUM, MASS SPECTRUM
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF ND, SM, CD, AND PB.
AD-655 951 18B U67 19

CALCIUM COMPOUND
THE CHEMISTRY AND LUMINESCENCE OF ANTIMONY- CONTAINING CALCIUM CHLORAPATITE.
N67-32266 7B S05 18 HC$ 3.00 MF$ 0.65

CALCIUM, NEUTRON CROSS SECTIONS
TOTAL CROSS SECTIONS OF CALCIUM AND POTASSIUM FOR FAST NEUTRONS.
AD-656 644 20H U67 19

CALCIUM, RADIATION EFFECTS
EFFECT OF CALCIUM ON MITOSIS IN THE THYMUSES OF NORMAL AND IRRADIATED RATS.
AD-655 870 6R U67 19

CALIBRATION
THE USE OF A VISUAL TESTING APPARATUS FOR SPACE APPLICATION FINAL REPORT.
N67-32271 5E S05 18 HC$ 3.00 MF$ 0.65

CALIBRATION, TEST SETS
RADAR TEST SET AN/UPM-70 AN/UPM-70A.
PB-175 661 9C U67 19 HC$ 3.00 MF$ 0.65

CALORIMETRY, PHYSICAL CHEMISTRY
CHEMICAL ENGINEERING DIVISION SEMIANNUAL REPORT, JANUARY-JUNE 1966.
ANL-7225 18J N21 15 HC$ 3.00 MF$ 0.65

CANARD
SIDESLIP CHARACTERISTICS AT VARIOUS ANGLES OF ATTACK FOR SEVERAL HYPERSONIC MISSILE CONFIGURATIONS WITH CANARD CONTROLS AT A MACH NUMBER OF 2.01.
N67-31533 16D S05 18 HC$ 3.00 MF$ 0.65

CANCER, KIDNEYS
PATHOLOGY AND SPREAD OF RENAL CELL CARCINOMA.
AD-656 553 6E U67 19

CARBIDES, URANIUM COMPOUNDS
PREPARATION OF URANIUM MONOCARBIDE BY REACTION IN A LIQUID-METAL MEDIUM.
ANL-7301 18J N21 15 HC$ 3.00 MF$ 0.65

CARBOHYDRATES, CHEMICAL ANALYSIS
DETERMINATION OF AVAILABLE CARBOHYDRATES IN PLANT AND ANIMAL FOODS.
AD-656 351 6H U67 19

CARBON ARC
PERFORMANCE OF 10-KILOWATT CARBON ARC SOLAR RADIATION SIMULATOR.
N67-32555 14B S05 18 HC$ 3.00 MF$ 0.65

CARBON BLACK, ELECTRICAL CONDUCTANCE
THE ELECTRICAL CONDUCTANCE OF CARBON BLACK.
AD-656 094 11G U67 19 HC$ 3.00 MF$ 0.65

CARBON BLACK, SCATTERING
MEASUREMENT OF THE DEGREE OF DISPERSION OF CARBON BLACK IN POLYETHYLENE USING ABSORPTION OF LIGHT.
AD-656 280 11I U67 19 HC$ 3.00 MF$ 0.65

CARBON BLACK, TEST METHODS
MICRODENSITOMETRIC DETERMINATION OF DISPERSION.
AD-656 275 14B U67 19

CARBON BLACK, WEATHERPROOFING
EVALUATION OF CARBON BLACK DISPERSIONS IN POLYETHYLENE TO PREDICT WEATHERABILITY.
AD-656 419 11I U67 19 HC$ 3.00 MF$ 0.65

THE EFFECT OF CARBON BLACK SURFACE PROPERTIES ON THE STABILITY OF POLYETHYLENE.
AD-656 501 11G U67 19 HC$ 3.00 MF$ 0.65

CARBON DIOXIDE, ADSORPTION
REGENERATIVE CARBON DIOXIDE ADSORPTION SYSTEM USING CHARCOAL.
AD-656 786 6K U67 19 HC$ 3.00 MF$ 0.65

CARBON DIOXIDE, REDUCTION(CHEMISTRY)
INVESTIGATION OF AN INTEGRATED CARBON DIOXIDE-REDUCTION AND WATER-ELECTROLYSIS SYSTEM.
AD-655 937 6K U67 19 HC$ 3.00 MF$ 0.65

CARBON DIOXIDE, REMOVAL
IMMOBILIZED LIQUID MEMBRANES FOR CONTINUOUS CARBON DIOXIDE REMOVAL.
AD-656 785 6K U67 19 HC$ 3.00 MF$ 0.65

CARBON DIOXIDE, SENSORS
ELECTROCHEMICAL CARBON DIOXIDE SENSOR.
AD-655 936 6K U67 19 HC$ 3.00 MF$ 0.65

CARBON FIBERS, COMPATIBILITY
CARBON FIBER REINFORCED PLASTICS - AN INITIAL EVALUATION.
AD-655 890 11D U67 19 HC$ 3.00 MF$ 0.65

CARBON MONOXIDE, PHOTOCHEMISTRY
STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN.
AD-655 885 6A U67 19

CARBON MONOXIDE, SPECTRA(INFRARED)
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES.
AD-656 779 21B U67 19 HC$ 3.00 MF$ 0.65

CARBON 14
ELECTROCHEMICAL STUDIES OF PLATINUM SURFACE OXIDATION IN RELATION TO HYDROCARBON OXIDATION. PART IV - STUDIES WITH C14- LABELLED COMPOUNDS IN RELATION TO CO2 FORMATION AND SURFACE OXIDATION OF PT INTERIM REPORT, JUN. 1964 - OCT. 1966.
N67-31980 7D S05 18 HC$ 3.00 MF$ 0.65

CARDIOVASCULAR SYSTEM
CARDIOVASCULAR EFFECTS OF VIBRATION SEMIANNUAL REPORT, 1 AUG. - 31 DEC. 1966.
N67-31859 6S S05 18 HC$ 3.00 MF$ 0.65

CARGO, COSTS
FEASIBILITY OF COMPUTER STORAGE AND RETRIEVAL OF FREIGHT

TARIFF INFORMATION, PHASE II.
PB-175 706 5C U67 19 HC$ 3.00 MF$ 0.65

CARGO, IMPACT TESTS
RAIL IMPACT TESTING ON LONG TRAVEL SHOCK MOUNTS, MODELS 230 AND 570.
AD-656 600 13F U67 19 HC$ 3.00 MF$ 0.65

CARRIERS(SEMICONDUCTORS), BAND THEORY OF SOLIDS
SPATIAL DISTRIBUTION OF EXCESS CARRIERS IN ELECTRON-BEAM EXCITED SEMICONDUCTORS,
AD-655 956 20L U67 19

CASTINGS, STEEL
EFFECT OF MOLD-STEEL INTERFACE REACTIONS ON CASTING SURFACE AND PROPERTIES.
AD-656 475 11F U67 19 HC$ 3.00 MF$ 0.65

CONTROL OF CAST GRAIN SIZE OF STEEL CASTINGS-EFFECT OF STRUCTURE AND NONMETALLICS ON PROPERTIES.
AD-656 476 11F U67 19 HC$ 3.00 MF$ 0.65

CATALYSTS, SILICIDES
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-656 466 10B U67 19 HC$ 3.00 MF$ 0.65

CATAMARANS, FLEXIBLE STRUCTURES
OPERATION OF A SWIMMING CATAMARAN AND NATURE'S CHALLENGE,
AD-656 035 13J U67 19 HC$ 3.00 MF$ 0.65

CAUCHY PROBLEM
ON A CLASS OF WAVE EQUATIONS.
N67-32471 12A S05 18 HC$ 3.00 MF$ 0.65

CAVITATION FLOW
THREE-COMPONENT MEASUREMENTS ON RECTANGULAR WINGS WITH CAVITATION FINAL REPORT.
N67-31504 1A S05 18 HC$ 3.00 MF$ 0.65

CENTAUR LAUNCH VEHICLE
PANEL FLUTTER STUDIES OF BOOST-VEHICLE FULL-SCALE FLIGHT INSULATION PANELS.
N67-32552 22D S05 18 HC$ 3.00 MF$ 0.65

CENTRAL NERVOUS SYSTEM
THE EFFECT OF ELECTROMAGNETIC AND MAGNETIC FIELDS ON THE CENTRAL NERVOUS SYSTEM.
N67-31733 6P S05 18 HC$ 3.00 MF$ 0.65

CENTRIFUGAL PUMP
DESIGN AND EXPERIMENTAL PERFORMANCE OF A SMALL CENTRIFUGAL PUMP FOR LIQUID HYDROGEN.
N67-31526 13K S05 18 HC$ 3.00 MF$ 0.65

CENTRIFUGES, DESIGN
NIAID MOLECULAR ANATOMY PROGRAM.
PB-175 643 6L U67 19 HC$ 3.00 MF$ 0.65

CERAMIC COATINGS, ELECTRIC WIRE
RECENT PROGRESS IN MAGNET WIRE ENAMELS,
AD-656 377 11C U67 19 HC$ 3.00 MF$ 0.65

CERAMIC MATERIALS, ELECTROLYTES
ELECTRICAL PROPERTIES AND DEFECT STRUCTURE OF A (0.13 YO1.5 . 0.87 THO2) ELECTROLYTE.
AD-656 185 11B U67 19

CERAMIC MATERIALS, METALATION
EVALUATION TESTS OF A LOW-SINTER-TEMPERATURE, CERAMIC METALIZING PROCESS.
AD-656 460 13H U67 19 HC$ 3.00 MF$ 0.65

CESIUM, VAPOR PLATING
EXPERIMENTS WITH LIQUID AND SOLID CESIUM ON A RHENIUM SUBSTRATE,
AD-656 777 11F U67 19 HC$ 3.00 MF$ 0.65

CHANNEL FLOW
LAMINAR FLOWS IN POROUS ELASTIC CHANNELS.
N67-32329 20D S05 18 HC$ 3.00 MF$ 0.65

CHARCOAL, ADSORPTION
REGENERATIVE CARBON DIOXIDE ADSORPTION SYSTEM USING CHARCOAL.
AD-656 786 6K U67 19 HC$ 3.00 MF$ 0.65

CHARGE
THE INFLUENCE OF ENERGY-DEPENDENT RELAXATION TIMES AND CHARGECARRIER MASS ON IONIZATION WAVES IN PLASMAS.
N67-32154 20I S05 18 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, RADIOLOGICAL CONTAMINATION
RADIOLOGICAL PHYSICS DIVISION ANNUAL REPORT, JULY 1965 TO JUNE 1966,
ANL-7220 7E N21 15 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, SATELLITES(ARTIFICIAL)
SATELLITE OBSERVATIONS OF PARTICLE FLUXES AND ATMOSPHERIC EMISSIONS,
AD-656 250 20H U67 19

CHECKOUT EQUIPMENT, ELECTRIC CABLES
CHECKOUT CABLES FOR AN AIR-TO-SURFACE MISSILE,
AD-656 183 9A U67 19 HC$ 3.00 MF$ 0.65

CHELATE COMPOUNDS, RARE EARTH COMPOUNDS
RARE EARTH CHELATES OF 1,1,1,2,2,3,3-HEPTAFLUORO-7,7-DIMETHYL-4,6-OCTANEDIONE.
AD-656 160 7B U67 19

CHEMICAL ENGINEERING, FLUIDIZED BED PROCESSES
CHEMICAL ENGINEERING DIVISION SEMIANNUAL REPORT, JANUARY-JUNE 1966.
ANL-7225 18J N21 15 HC$ 3.00 MF$ 0.65

CHEMICAL REACTION
ULTRAWEAK LUMINESCENCE ACCOMPANYING BIOCHEMICAL REACTIONS.
N67-31819 6A S05 18 HC$ 3.00 MF$ 0.65

THE CHEMISTRY AND LUMINESCENCE OF ANTIMONY- CONTAINING CALCIUM CHLORAPATITE.
N67-32266 7B S05 18 HC$ 3.00 MF$ 0.65

CHEMILUMINESCENCE, COMBUSTION CHAMBER GASES
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS.
AD-656 426 21B U67 19 HC$ 3.00 MF$ 0.65

CHEMORECEPTORS, CULICIDAE
ORAL INSECT REPELLENTS - INSECT TASTE RECEPTORS AND THEIR ACTION,
AD-655 928 6F U67 19 HC$ 3.00 MF$ 0.65

CHEMORECEPTORS, ELECTROPHYSIOLOGY
NEUROPHYSIOLOGICAL STUDIES ON THE OLFACTORY RECEPTIVE MECHANISM.
AD-655 897 6P U67 19 HC$ 3.00 MF$ 0.65

CHEMOTHERAPEUTIC AGENTS, CHLAMYDIA TRACHOMATIS
FAILURE OF TRACHOMA TREATMENT WITH OPHTHALMIC ANTIBIOTICS AND SYSTEMIC SULFONAMIDES USED ALONE OR IN COMBINATION WITH TRACHOMA VACCINE,
AD-656 300 6E U67 19

CHILDREN, EDUCATION
THE SOCIALIZATION OF ACADEMIC MOTIVATION IN MINORITY GROUP CHILDREN.
AD-656 724 5I U67 19

CHLAMYDIA TRACHOMATIS, CHEMOTHERAPEUTIC AGENTS
FAILURE OF TRACHOMA TREATMENT WITH OPHTHALMIC ANTIBIOTICS AND SYSTEMIC SULFONAMIDES USED ALONE OR IN COMBINATION WITH TRACHOMA VACCINE,
AD-656 300 6E U67 19

CHLAMYDIA TRACHOMATIS, DISEASES
NATURAL HISTORY OF TRACHOMA IN TAIWAN SCHOOL CHILDREN,
AD-656 298 6E U67 19

CHLAMYDIA TRACHOMATIS, VACCINES
FIELD TRIAL OF A MONOVALENT AND OF A BIVALENT MINERAL OIL ADJUVANT TRACHOMA VACCINE IN TAIWAN SCHOOL CHILDREN,
AD-656 297 6E U67 19

LONG-TERM FOLLOW-UP OF THE INITIAL (1959-1960) TRACHOMA VACCINE FIELD TRIAL ON TAIWAN,
AD-656 299 6E U67 19

CHLORINE OXIDE
EVOLUTION OF CHLORIN AT GRAPHITE ELECTRODES.
N67-32120 7D S05 18 HC$ 3.00 MF$ 0.65

CHOLINESTERASE, CHEMICAL ANALYSIS
PROBLEMS IN AERIAL APPLICATION DIRECTION OF MILD POISONING BY ORGANOPHOSPHORUS PESTICIDES USING AN AUTOMATED METHOD FOR CHOLINESTERASE ACTIVITY,
AD-656 211 6T U67 19 HC$ 3.00 MF$ 0.65

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THE DEVELOPMENT OF A MICROMINIATURE DC SIGNAL CONDITIONING AMPLIFIER.
N67-31986 9C S05 18 HC$ 3.00 MF$ 0.65

CHROMIUM ALLOY
DEVELOPMENT OF DISPERSION STRENGTHENED CHROMIUM ALLOYS SUMMARY REPORT.
N67-32158 11F S05 18 HC$ 3.00 MF$ 0.65

DISPERSION CHROMIUM PRODUCT SUMMARY REPORT.
N67-32530 11F S05 18 HC$ 3.00 MF$ 0.65

CIRCULAR ORBIT
APPLICATION OF THE GRADIENT METHOD TO THE NUMERICAL STUDY OF LIMITED-POWER TRANSFERS BETWEEN NEAR-COPLANAR CIRCULAR ORBITS. COMPARISON WITH THE LINEARIZED SOLUTION.
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CIRCULAR ORBIT TRAJECTORIES, SATELLITES(ARTIFICIAL)
ON APPROXIMATING A PERIODIC ATMOSPHERIC DRAG FUNCTION FOR SATELLITES BY A PIECEWISE CONSTANT FUNCTION.
AD-656 086 22C U67 19 HC$ 3.00 MF$ 0.65

CISLUNAR SPACE
OBSERVATIONS OF THE INTERPLANETARY MAGNETIC FIELD JULY 4-12, 1966.
N67-31549 22A S05 18 HC$ 3.00 MF$ 0.65

CIVIL DEFENSE SYSTEMS, POWER SUPPLIES
SHELTER LIGHTING KIT.
AD-655 904 13A U67 19 HC$ 3.00 MF$ 0.65

CLAY, SOIL MECHANICS
SECONDARY CHANGES IN THE STRENGTH OF CLAY LAYERS AND THE ORIGIN OF SENSITIVE CLAYS,
PB-175 663 8M U67 19 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, AIRPORTS
WORLD-WIDE AIRFIELD SUMMARIES, VOLUME I.
AD-656 092 4B U67 19 HC$ 3.00 MF$ 0.65

CLIMATOLOGY, NORTHERN HEMISPHERE
INTRODUCTION NORTHERN HEMISPHERE I.

AD-656 447 4B U67 19 HC$ 3.00 MF$ 0.65

CLOUD COVER
SOMETHING NEW ABOUT VENUS.
N67-32306 22A S05 18 HC$ 3.00 MF$ 0.65

COAL, ECONOMICS
A STUDY OF THE EASTERN INDUSTRIAL COAL MARKET.
PB-175 601 8G U67 19 HC$ 3.00 MF$ 0.65

COATING
ADVANCED CONTROL SIGNAL PROCESSOR MODULE DESIGN, FABRICATION, AND TEST, PHASE V FINAL REPORT.
N67-31922 9E S05 18 HC$ 3.00 MF$ 0.65

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'EUROPA' CABLE.
AD-656 113 9A U67 19 HC$ 3.00 MF$ 0.65

SEMI-SOLID COAXIAL CABLES WITH INTEGRAL-FIN INSULATION.
AD-656 318 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, ELECTRIC TERMINALS
COAXIAL CABLE AND SHIELDED WIRE TERMINATIONS.
AD-656 200 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, ELECTRICAL PROPERTIES
EXAMPLES OF EFFECT OF DIMENSIONAL VARIATIONS ON ELECTRICAL PROPERTIES OF COAXIAL CABLES.
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COAXIAL CABLES, HALOCARBON PLASTICS
THE POWER RATING OF TEFLON COAXIAL CABLES AT EXTREME ENVIRONMENTS.
AD-656 204 9A U67 19 MF$ 0.65

R. F. POWER RATINGS OF TEFLON COAXIAL CABLES.
AD-656 379 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, HELIXES
THE ELECTRICAL AND MECHANICAL CHARACTERISTICS OF HELICAL MEMBRANE CABLE.
AD-656 382 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, HIGH-TEMPERATURE RESEARCH
RESEARCH AND DEVELOPMENT OF HIGH TEMPERATURE, HIGH POWER RADIO FREQUENCY TRANSMISSION LINES FOR 350C AND 825C.
AD-656 068 9A U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENT OF SEMI-AIR SPACE COAXIAL CABLES FOR 300 AND 500C.
AD-656 227 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, LEAKAGE(ELECTRICAL)
LEAKAGE OF ELECTROMAGNETIC ENERGY FROM COAXIAL CABLE STRUCTURES.
AD-656 424 9A U67 19

COAXIAL CABLES, MANUFACTURING METHODS
RECENT DEVELOPMENT IN SMALL-CORE COAXIAL CABLE.
AD-656 100 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, MECHANICAL PROPERTIES
NEW APPROACHES TO LOW LOSS FLEXIBLE COAXIAL CABLE DESIGNS.
AD-656 067 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, MICROWAVE FREQUENCY
LOW LOSS CABLE FOR MICROWAVE SERVICE.
AD-656 408 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, MINIATURE ELECTRONIC EQUIPMENT
IRRADIATED LIGHT WEIGHT MINIATURE COAXIAL CABLES.
AD-656 165 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, POLYETHYLENE PLASTICS
FOAMED POLYETHYLENE COAXIAL CABLES.
AD-656 402 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, REFRACTORY MATERIALS
LOW LOSS COAXIAL CABLE FOR HIGH TEMPERATURE SERVICE.
AD-656 290 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, SUBMINIATURE ELECTRONIC EQUIPMENT
SUBMINIATURE COAXIAL CABLE R.F. POWER RATINGS AND CONNECTOR CHARACTERISTICS.
AD-656 520 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, TELEVISION COMMUNICATION SYSTEMS
A FOAM POLYETHYLENE INSULATED COAXIAL CABLE FOR DIRECT BURIAL ON COMMUNITY TV SYSTEMS.
AD-656 120 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, UNDERWATER
UNARMOURED SUBMARINE CABLE FOR DEEP-SEA CARRIER TELEPHONY.
AD-656 192 17B U67 19 HC$ 3.00 MF$ 0.65

SUBMARINE CABLE SYSTEM FOR THE FLORIDA MISSILE TEST RANGE.
AD-656 256 9A U67 19 HC$ 3.00 MF$ 0.65

COAXIAL CABLES, WAVE TRANSMISSION
BALANCED RADIO FREQUENCY CABLES.
AD-656 264 9A U67 19 HC$ 3.00 MF$ 0.65

COBALT COMPOUNDS, COMPLEX COMPOUNDS
ORGANOMETALLIC SULFUR COMPLEXES. VI. THE MOLECULAR STRUCTURE OF A TRICYCLIC COMPLEX, TRICOBALT ENNEACARBONYL SULFIDE.
AD-655 896 7A U67 19

CODING, DIGITAL SYSTEMS
COGNITIVE INFORMATION PROCESSING. XIII. VARIABLE-VELOCITY DELTA MODULATION.
PB-175 676 9D U67 19 HC$ 3.00 MF$ 0.65

CODING, ERRORS
SOME ADDITIONAL QUASI-PERFECT CODES.
AD-656 130 9D U67 19

CODING, MATHEMATICAL ANALYSIS
STATISTICAL COMMUNICATION THEORY.
AD-656 348 9D U67 19 HC$ 3.00 MF$ 0.65

RESEARCH TO DEVELOP THE ALGEBRAIC THEORY OF CODES.
AD-656 783 9D U67 19 HC$ 3.00 MF$ 0.65

CODING, OPTIMIZATION
OPTIMUM QUANTIZATION OF RANDOM SEQUENCES.
AD-656 042 9D U67 19 HC$ 3.00 MF$ 0.65

COHERENT RADIATION, ELECTROMAGNETIC FIELDS
COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY.
AD-656 209 20F U67 19

COHERENT RADIATION, PARAMETRIC AMPLIFIERS
TUNABLE SPONTANEOUS PARAMETRIC GENERATION OF VISIBLE LIGHT IN ADP.
AD-656 093 20E U67 19

COLLOIDS, ALUMINA
BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES.
AD-655 906 7D U67 19 HC$ 3.00 MF$ 0.65

COLOR CENTERS, RAMAN SPECTROSCOPY
RAMAN SCATTERING BY COLOR CENTERS.
AD-656 146 20L U67 19

COLOR TELEVISION, DIAGNOSIS
SCAN RECORDING AND RESCAN IN COLOR.
AD-656 530 6L U67 19 HC$ 3.00 MF$ 0.65

COMBUSTION CHAMBER GASES, SPECTROSCOPY
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS.
AD-656 426 21B U67 19 HC$ 3.00 MF$ 0.65

COMBUSTION PRODUCTS, INFRARED SPECTROSCOPY
A STUDY OF LINE SHAPE FOR CO INFRARED EMISSION LINES.
AD-656 779 21B U67 19 HC$ 3.00 MF$ 0.65

COMBUSTION PRODUCTS, THERMAL RADIATION
THERMAL RADIATION OF HIGH-TEMPERATURE COMBUSTION PRODUCTS.
AD-656 775 21B U67 19 HC$ 3.00 MF$ 0.65

COMBUSTION, ALUMINUM
THE COMBUSTION OF POROUS ALUMINUM PLUGS WITH OXYGEN THROUGHOUT.
AD-656 762 21B U67 19 HC$ 3.00 MF$ 0.65

COMET
STUDIES IN COMETARY ASTROPHYSICS FINAL REPORT, 19 MAY 1965 - 18 MAY 1967.
N67-32289 3B S05 18 HC$ 3.00 MF$ 0.65

COMMERCE, MANAGEMENT PLANNING
IMPACT OF HIGHWAY BEAUTIFICATION ACT ON OUTDOOR ADVERTISING FIRMS IN WASHINGTON STATE.
PB-175 651 5C U67 19 HC$ 3.00 MF$ 0.65

COMMERCIAL PLANES, IMPACT TESTS
CRASH LOADS ENVIRONMENT STUDY.
AD-655 920 1C U67 19 HC$ 3.00 MF$ 0.65

COMMUNICATION SYSTEM
PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 MAR. - 6 JUN. 1966.
N67-32165 17B S05 18 HC$ 3.00 MF$ 0.65

PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 SEP. - 6 DEC. 1966.
N67-32167 17B S05 18 HC$ 3.00 MF$ 0.65

COMMUNICATION SYSTEMS, ELECTRICAL NETWORKS
COMMUNICATION NETWORKS WITH SPECIFIED SURVIVABILITY.
AD-656 451 17B U67 19 HC$ 3.00 MF$ 0.65

COMMUNICATION THEORY
CRUFT LABORATORY SEMIANNUAL PROGRESS REPORT, 1 JUL. - 31 DEC. 1966.
N67-32215 9C S05 18 HC$ 3.00 MF$ 0.65

COMPILERS, PROGRAMMING LANGUAGES
PLAN FOR DETECTION OF PARALLELISM IN COMPUTER PROGRAMS.
AD-655 867 9B U67 19 HC$ 3.00 MF$ 0.65

COMPLEX COMPOUNDS, BISMUTH COMPOUNDS
SPECTROPHOTOMETRIC DETERMINATION OF BISMUTH.
AD-656 135 7B U67 19

COMPLEX COMPOUNDS, HYDROLYSIS
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENE BIS(BIGUANIDE)NICKEL(II) IONS.
AD-656 018 7D U67 19

COMPLEX COMPOUNDS, METALORGANIC COMPOUNDS
ORGANOMETALLIC SULFUR COMPLEXES. VI. THE MOLECULAR STRUCTURE OF A TRICYCLIC COMPLEX, TRICOBALT ENNEACARBONYL SULFIDE.
AD-655 896 7A U67 19

PREPARATION AND STRUCTURE OF [CH3SFE2(CO)6]2S AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE SULFUR ATOM COORDINATED TO FOUR METAL ATOMS,
AD-655 958 7B U67 19

COMPLEX COMPOUNDS, MICROANALYSIS
ULTRATRACE ANALYSIS BY COORDINATION CHAIN REACTIONS.
AD-656 339 7B U67 19 HC$ 3.00 MF$ 0.65

COMPLEX COMPOUNDS, MIXTURES
MIXED HETEROPOLY ACID FORMATION.
AD-655 909 7B U67 19 HC$ 3.00 MF$ 0.65

COMPLEX COMPOUNDS, MOLECULAR ISOMERISM
INTRAMOLECULAR ISOMERIZATION OF OCTAHEDRAL COMPLEXES BY MECHANISMS NOT INVOLVING BOND RUPTURE,
AD-656 157 7D U67 19

COMPLEX COMPOUNDS, NUCLEAR MAGNETIC RESONANCE
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE,
AD-655 859 7D U67 19

COMPLEX COMPOUNDS, ZIRCONIUM COMPOUNDS
SPECTROPHOTOMETRIC DETERMINATION OF ZIRCONIUM,
AD-656 137 7B U67 19

COMPLEX VARIABLES, SERIES
HANDLING OF LAURENT SERIES ON A COMPUTER.
AD-656 729 12A U67 19 HC$ 3.00 MF$ 0.65

COMPONENT RELIABILITY
A GENERAL-PURPOSE ON-BOARD PROCESSOR FOR SCIENTIFIC SPACECRAFT.
N67-31509 9B S05 18 HC$ 3.00 MF$ 0.65

COMPOSITE MATERIAL
COMPOSITE MATERIALS.
N67-32008 11D S05 18 HC$ 3.00 MF$ 0.65

COMPOSITE MATERIALS, FATIGUE(MECHANICS)
MECHANISM OF FATIGUE OF COPPER AT INTERFACES.
AD-656 427 11F U67 19 HC$ 3.00 MF$ 0.65

COMPOSITE MATERIALS, LOADING(MECHANICS)
STRESS AND DEFLECTION ANALYSIS OF FIBROUS COMPOSITE MATERIALS UNDER EXTERNAL LOAD.
AD-656 431 11D U67 19 HC$ 3.00 MF$ 0.65

COMPRESSIBILITY EFFECT
THE SCATTERING OF ELECTROMAGNETIC WAVES FROM A PLASMA-IMMERSED CYLINDER SCIENTIFIC REPORT.
N67-31813 20I S05 18 HC$ 3.00 MF$ 0.65

COMPRESSION LOADING
EFFECT OF INITIAL LOADS AND OF MODERATELY ELEVATED TEMPERATURE ON THE ROOM-TEMPERATURE FATIGUE LIFE OF TI-8 AL-1 MO-1 V TITANIUM- ALLOY SHEET.
N67-31539 20K S05 18 HC$ 3.00 MF$ 0.65

COMPRESSION TUBE
PERFORMANCE OF THREE ISENTROPIC ALL INTERNAL COMPRESSION AXISYMMETRIC INLETS DESIGNED FOR MACH 2.5.
N67-31843 21E S05 18 HC$ 3.00 MF$ 0.65

COMPUTER
APPLICATION OF COMPUTER TECHNIQUES TO SOME PROBLEMS IN LINEAR VISCOELASTICITY.
N67-32353 20K S05 18 HC$ 3.00 MF$ 0.65

COMPUTER METHOD
REPORT OF THE SESSION OF THE WGLR SUBCOMMITTEE ON AERODYNAMICAL COMPUTER TECHNOLOGY.
N67-31881 1A S05 18 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAM
AN OPTIMIZATION PROCEDURE FOR NETWORK PLANNING SYSTEMS.
N67-32566 5A S05 18 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAMS, COMPILERS
PLAN FOR DETECTION OF PARALLELISM IN COMPUTER PROGRAMS.
AD-655 867 9B U67 19 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAMS, FUEL CELLS
COMPUTER PROGRAMS FOR THE OPTIMIZATION OF INTEGRATED INDIRECT HYDROCARBON FUEL CELL SYSTEMS.
AD-475 881 10B U67 19 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAMS, GEODESICS
GEOPS.
AD-655 852 8E U67 19 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAMS, INFORMATION RETRIEVAL
ELECTRONIC COMPUTER PROGRAM FOR FLOOD RECORD COMPILATION AND FREQUENCY PLOT,
PB-175 511 8H U67 19 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAMS, PARTICLE SIZE
APPLICATION OF COMPUTER FACILITIES FOR THE DETERMINATION OF SIZE DISTRIBUTION IN POLYMER LATICES.
AD-807 464 9B U67 19 HC$ 3.00 MF$ 0.65

COMPUTER PROGRAMS, QUALITY CONTROL
A COMPUTER PROGRAM TO DETERMINE ACCEPTANCE CRITERIA AND THE OPERATING CHARACTERISTIC CURVE WHEN SAMPLING VARIABLES (QUALITY CONTROL).
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PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 SEP. - 6 DEC. 1966.
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DEEP SPACE NETWORK (DSN)
SPACE PROGRAMS SUMMARY NO. 37-45, VOLUME VI FOR THE PERIOD MARCH 1, 1967 TO APRIL 30, 1967. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
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FEEDING THROUGH THE SKIN WITH DIMETHYL SULFOXIDE.
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CYCLOTRON ECHOES IN PLASMAS.
AD-656 555 20I U67 19

DELAY LINES, PERFORMANCE(ENGINEERING)
ELECTROMAGNETIC DELAY LINES,
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COGNITIVE INFORMATION PROCESSING. XIII. VARIABLE-VELOCITY DELTA MODULATION,
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RADIOLOGICAL SAFETY INSTRUCTIONS FOR THE LANE-WELLS NUCLEAR SEDIMENT DENSITY METER.
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MICRODENSITOMETRIC DETERMINATION OF DISPERSION,
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ABSTRACTS OF PAPERS, WATER AND DESALINATION INFORMATION MEETING, MARCH 28-29, 1967.
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PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON DETONATION (4TH), HELD OCTOBER 12-15, 1965 NAVAL ORDNANCE LABORATORY, WHITE OAK, MARYLAND.
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THE PHYSICAL TENSOR AND APPLICATION FINAL SCIENTIFIC REPORT, 1 NOV. 1965 - 31 JAN. 1967.
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DIFFERENTIAL EQUATIONS, FUNCTIONS
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AD-656 220 12A U67 19

DIFFERENTIAL EQUATIONS, PERIODIC VARIATIONS
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AD-656 015 12A U67 19

DIFFERENTIAL EQUATIONS, THEOREMS
DOMAINS OF ATTRACTION OF SOME QUASIPERIODIC SOLUTIONS.
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DIFFERENTIAL GEOMETRY, DIFFERENTIAL EQUATIONS
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APERTURE REFLECTION COEFFICIENT OF A PARALLEL- PLATE WAVEGUIDE BY WEDGE DIFFRACTION ANALYSIS.
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DIFFUSION, EXPERIMENTAL DESIGN
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DIGESTIVE SYSTEM DISEASES, PATHOLOGY
CORRELATION OF JEJUNAL FUNCTION AND MORPHOLOGY IN PATIENTS WITH ACUTE AND CHRONIC DIARRHEA IN EAST PAKISTAN.
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NOISE IN DOUBLE-INJECTION SPACE-CHARGE-LIMITED DIODES.
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THE ADMITTANCE OF THE INFINITE CYLINDRICAL ANTENNA IN A LOSSY, ISOTROPIC, COMPRESSIBLE PLASMA.
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DEVELOPMENT OF DISPERSION STRENGTHENED CHROMIUM ALLOYS SUMMARY REPORT.
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ANNUAL REPORT 1966.
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DOCUMENTATION, ARMED FORCES RESEARCH
SELECTED OFFICIAL PUBLICATIONS, PROFESSIONAL PAPERS, AND PATENTS, 1966 EDITION.
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DOCUMENTATION, BIBLIOGRAPHIES
MECHANIZED BIBLIOGRAPHY OF DOCUMENTATION AND INFORMATION SCIENCES, SUPPLEMENT NO. 1.
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DOCUMENTATION, DISSEMINATION
THE OFFICE OF AEROSPACE RESEARCH SCIENTIFIC AND TECHNICAL INFORMATION PROGRAM.
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THE PROCESS OF PROFESSIONAL INFORMATION EXCHANGE AMONG SCIENCE INFORMATION SPECIALISTS.
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DOCUMENTATION, SCIENTIFIC RESEARCH
R AND D ABSTRACTS. VOLUME 20 NUMBER 10, 16-31 MAY 1967.
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FABRICATION OF SEMICONDUCTOR DEVICES BY NEUTRON TRANSMUTATION DOPING.
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DOPPLER EFFECT
A THEORETICAL STUDY OF ANTENNAS IN MOVING IONIZED MEDIA. PART II - THE COMPLEX DOPPLER EFFECT FINAL REPORT, MAY 1966 JUN. 1967.
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LUMINESCENCE DOSIMETRY.
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AMC A MONTE CARLO CODE UTILIZING THE ALBEDO APPROACH FOR CALCULATING NEUTRON AND CAPTURE GAMMA-RAY DISTRIBUTIONS IN RECTANGULAR CONCRETE DUCTS.
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THEORETICAL DYNAMIC ANALYSIS OF THE LANDING LOADS ON A VEHICLE WITH A TRICYCLE LANDING GEAR.
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DYNAMIC PROPERTY
EFFECT AND CONTROL OF CHATTER VIBRATION IN MACHINE TOOL PROCESSES QUARTERLY TECHNICAL REPORT, 1 AUG. - 31 OCT. 1966.
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MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1948-1950.
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MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1951-1952.
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ECONOMICS
THE MEASUREMENT AND IMPROVEMENT OF R+D MARKETING EFFECTIVENESS.
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THE SPRINGFIELD ARMORY PROJECT.
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PERIPHERAL LAND STUDY ECONOMICS, ESTHETICS, AND HIGHWAYS,
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PB-175 652 5C U67 19 HC$ 3.00 MF$ 0.65

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CORTICOID THERAPY FOR PRETIBIAL MYXEDEMA. OBSERVATIONS ON THE LONG-ACTING THYROID STIMULATOR.
AD-656 554 6E U67 19

EDUCATION, MOTIVATION
THE SOCIALIZATION OF ACADEMIC MOTIVATION IN MINORITY GROUP CHILDREN.
AD-656 724 5I U67 19

EGGS, BIOLOGICAL CONTAMINATION
ENVIRONMENTAL FACTORS AND SANITATION OF SHELL EGGS WITH EMPHASIS ON THE MIDDLE EAST SITUATION.
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FULL-SCALE WIND-TUNNEL INVESTIGATION OF A VTOL AIRCRAFT WITH A JET-EJECTOR SYSTEM FOR LIFT AUGMENTATION.
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EKMAN LAYER
OSCILLATORY AND TRANSITORY EKMAN BOUNDARY LAYERS.
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TWO AXISYMMETRIC STEADY-STATE THERMOELASTICITY PROBLEMS FOR TRANSVERSELY ISOTROPIC SOLIDS.
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ELASTOMERS, ABSORPTION
WATER ABSORPTION OF ELASTOMERS.
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ELASTOMERS, PHYSICAL PROPERTIES
PHYSICAL AND MECHANICAL PROPERTIES OF POLY-M-CARBORANYLENESILOXANE COPOLYMERS.
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ELASTOMERS, SYNTHESIS(CHEMISTRY)
SYNTHESIS OF CARBORANE MODIFIED FLUOROCARBON ELASTOMERS.
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ELECTRIC CABLES, AGING(MATERIALS)
THERMAL AGING CHARACTERISTICS OF AIRCRAFT WIRES AND CABLES.
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RESISTANCE OF RUBBER COVERED CABLE, JACKET, AND INSULATION STOCKS TO WEATHER AND ARTIFICIAL AGING.
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ELECTRIC CABLES, ALUMINUM
ADVANTAGES AND LIMITATIONS OF INSULATED ALUMINUM WIRE AND CABLE. APPENDIX OF TABLES AND CHARTS.
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ELECTRIC CABLES, CHECKOUT EQUIPMENT
CHECKOUT CABLES FOR AN AIR-TO-SURFACE MISSILE,
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ELECTRIC CABLES, COATINGS
A NOVEL METHOD OF CORE SCREENING POLYETHLENE INSULATED CABLES,
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ELECTRIC CABLES, COMMUNICATION EQUIPMENT
LONGITUDINAL APPLICATION OF INSULATION AND SHIELD ON COMMUNICATION CABLES,
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ELECTRIC CABLES, CONFIGURATION
THE DEVELOPMENT AND APPLICATION OF A PRACTICAL FLAT CABLE AND CONNECTING METHOD,
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ELECTRIC CABLES, DESIGN
HIGH PERFORMANCE, SMALL DIAMETER CONTROL CABLE,
AD-656 081 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC CABLES, DIELECTRICS
PROGRESS IN AIR DIELECTRIC CABLES,
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ELECTRIC CABLES, ELECTRIC INSULATION
MINERAL INSULATED WIRING,
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THE USE OF HEAT SHRINKABLE SILICONE RUBBER ON CABLES AND CABLE ASSEMBLIES,
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ELECTRON PROCESSING TECHNIQUES FOR WIRE AND CABLE IRRADIATION,
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ELECTRIC CABLES, FATIGUE(MECHANICS)
FATIGUE LIFE OF STRANDED HOOK-UP WIRE,
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ELECTRIC CABLES, GEOPHYSICAL PROSPECTING
CONSTRUCTION DETAILS AND PROCESSING METHODS OF GEOPHYSICAL CABLES,
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IMPROVED GROUND-SUPPORT MULTI-CONDUCTOR CABLES FOR MISSILE SYSTEMS.
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GSE CABLE FACT AND FICTION.
AD-656 101 9A U67 19 HC$ 3.00 MF$ 0.65

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AD-656 180 9A U67 19

DESIGN AND APPLICATION OF MISSILE CABLES EMPLOYING LAYTEX INSULATION,
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ELECTRIC CABLES, GUIDED MISSILES
AN ENVIRONMENTAL HIGH PERFORMANCE, RUGGED SILICONE CABLE DESIGN FOR MISSILE APPLICATION,
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AN APPROACH TO OPTIMIZATION OF MISSILE CABLE SYSTEM DESIGN,
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THE APPLICATION OF ELECTRICAL CABLE TO MISSILE SYSTEMS,
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ELECTRIC CABLES, GUIDED MISSILES(SURFACE-TO-AIR)
EVALUATION OF MULTICONDUCTOR CABLES USED IN GROUND TO AIR GUIDED MISSILE SYSTEMS,
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ELECTRIC CABLES, HIGH-TEMPERATURE RESEARCH
RIBBON CABLES FOR USE AT HIGH TEMPERATURE,
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ELECTRIC CABLES, IDENTIFICATION SYSTEMS
EVEN COUNT POLYETHYLENE INSULATED CABLE,
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ELECTRIC CABLES, INTERFERENCE
CROSSTALK IN TACTICAL INTRA-AREA GROUND ELECTRONIC CABLES,
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CROSSTALK ON CARRIER CABLES,
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CABLE SPLICING UTILIZING NEW SILICONE MATERIALS,
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A NEW MATERIAL FOR SPLICING WIRE AND CABLE,
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CABLE SPLICING GOES MODERN,
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ELECTRIC CABLES, LIGHTNING ARRESTERS
LIGHTNING PROTECTION FOR UNDERGROUND CABLES,
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ELECTRIC CABLES, MANUFACTURING METHODS
NEW DEVELOPMENTS IN THE MANUFACTURE OF COMMUNICATION CABLE AT OMAHA,
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ELECTRIC CABLES, MECHANICAL PROPERTIES
A THEORETICAL CONSIDERATION OF STIFFNESS IN AN ELECTRICAL CABLE,
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ELECTRIC CABLES, METAL COATINGS
COMMUNICATION CABLES WITH WELDED AND CORRUGATED METALLIC SHEATHS,
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CORRUGATED METALLIC SHEATH FOR COMMUNICATION AND DATA TRANSMISSION CABLES,
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A PRESENT AND FUTURE VIEW OF THE FIELD ARMY WIRE AND CABLE REQUIREMENTS,
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OBTAINING MOBILIZATION PREPAREDNESS FOR SIGNAL CORPS WIRE AND CABLE.
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ELECTRIC CABLES, MOISTUREPROOFING
CABLE SHEATHS AND WATER PERMEABILITY,
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ELECTRIC CABLES, MONITORS
A NEW DEVELOPMENT FOR MONITORING PRESSURIZED CABLE PLANT. PART I. SYSTEM AND ECONOMIC ASPECTS,
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ELECTRIC CABLES, PEST CONTROL
RODENT ATTACK ON RUBBER- AND PLASTIC-INSULATED WIRES AND CABLES,
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ELECTRIC CABLES, PLASTIC COATINGS
POLYPROPYLENE CABLE WRAPS,
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PROPYLENE-BASED COPOLYMERS IN WIRE AND CABLE APPLICATIONS,
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THE EFFECT OF CARBON BLACK SURFACE PROPERTIES ON THE STABILITY OF POLYETHYLENE,
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A NEW METHOD FOR THE EXTRUSION AND VULCANIZATION OF QUALITY CABLE SHEATHS,
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ELECTRIC CABLES, SILICONE PLASTICS
SILICONE INSULATED CABLES FOR NAVAL MARINE APPLICATION,
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SILICONE INSULATED CABLE PRACTICE,
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ELECTRIC CABLES, STANDARDS
SCOPE OF I.P.C.E.A. STANDARDS FOR POLYETHYLENE INSULATED THERMOPLASTIC JACKETED COMMUNICATION CABLES,
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DEVELOPMENTS IN SUBMARINE COMMUNICATION CABLES,
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AN EVALUATION OF VINYL HOOK-UP WIRES,
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DEVELOPMENT AND APLLICATION NOTES ON 'THIN-WALL' TEFLON INSULATED WIRE AND CABLE,
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AN AIR-LAYABLE CARRIER FREQUENCY CABLE FOR MOBILE WARFARE,
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ELECTRIC CABLES, UNDERGROUND
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ELECTRIC CABLES, UNDERWATER COMMUNICATION SYSTEMS
'QUINA' A SUBMARINE CABLE FOR AUDIO AND CARRIER FREQUENCIES,
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A NEW ANTITWIST ARMOURED SUBMARINE CABLE,
AD-656 193 17B U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC CABLES, WEATHERPROOFING
HOT GAS WELDED SPLICE CLOSURES FOR PLASTIC CABLES,
AD-656 274 13H U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC CONDUCTIVITY
EARLY RESULTS FROM THE MAGNETIC FIELD EXPERIMENT ON LUNAR EXPLORER 35.
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ELECTRIC CONNECTORS, COAXIAL CABLES
COAXIAL CABLE AND SHIELDED WIRE TERMINATIONS,
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ELECTRIC CONNECTORS, EMBEDDING SUBSTANCES
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TERMI-POINT WIRING DEVICES, A NEW APPROACH TO POINT-TO-POINT WIRING,
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A SEALING CONNECTOR FOR SMALL INSULATED CONDUCTORS,
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ELECTRIC CONNECTORS, RELIABILITY
A REPORT ON WORK NOW BEING DONE TO IMPROVE ELECTRICAL CONNECTOR RELIABILITY,
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ELECTRIC CONNECTORS, TELEPHONE LINES
A FIELD STUDY OF THE SHEAR TYPE SEALING CONNECTOR,
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UNDERWATER CABLE CONNECTORS AND TERMINATORS FOR HYDROSTATIC PRESSURES TO 10,000 PSI,
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ELECTRIC FIELDS, DIFFRACTION
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ELECTRIC FIELDS, SEA WATER
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AD-655 891 8J U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, ADDITIVES
SOME RECENT STUDIES OF ELECTRICAL GRADE FILLERS IN BUTYL RUBBER AND OTHER INSULATION MATERIALS,
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ELECTRIC INSULATION, BUTYL RUBBER
BUTYL INSULATION,
AD-656 293 111 U67 19 HC$ 3.00 MF$ 0.65

ENJAY BUTYL IN LOW VOLTAGE APPLICATIONS,
AD-656 284 11J U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, COAXIAL CABLES
'EUROPA' CABLE,
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ELECTRIC INSULATION, ELECTRIC CABLES
CELLULAR INSULATION FOR COMMUNICATIONS CABLE,
AD-656 159 111 U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, ELECTRON BOMBARDMENT
ELECTRON PROCESSING TECHNIQUES FOR WIRE AND CABLE IRRADIATION,
AD-656 277 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, EXPANDED PLASTICS
CELLULAR POLYPROPYLENE INSULATION,
AD-656 110 111 U67 19 HC$ 3.00 MF$ 0.65

CELLULAR INSULATION FOR COMMUNICATIONS CABLE,
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ELECTRIC INSULATION, FUNGUS DETERIORATION
THE EFFECTS OF SOIL MICROORGANISMS ON THE PHYSICAL AND ELECTRICAL CHARACTERISTICS OF RADIO FREQUENCY CABLES,
AD-656 255 111 U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, HALOCARBON PLASTICS
THE EFFECTS OF SPACE ENVIRONMENTS ON INSULATION OF TEFLON (TRADE NAME) TFE AND FEP RESINS,
AD-656 084 111 U67 19 HC$ 3.00 MF$ 0.65

THE CHARACTERISTICS OF KYNAR POLYVINYLIDENE FLUORIDE AS AN INSULATING MATERIAL,
AD-656 107 111 U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL FATIGUE AND DIELECTRIC STRENGTH IN TEFLON TFE INSULATION,
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NEW FLUOROCARBON INSULATION COMPOUNDS,
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STATUS OF POLYMONOTRIFLUOROCHLOROETHYLENE INSULATED WIRE,
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'KEL-F' 500, A NEW FLUOROCARBON WIRE INSULATING MATERIAL,
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ELECTRIC INSULATION, HEAT-RESISTANT MATERIALS
COMPOUND FOR HEAT RESISTANT INSULATIONS AND JACKETS,
AD-656 414 11J U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, HIGH-TEMPERATURE RESEARCH
DEVELOPMENTS IN 300-600 VOLT MINIATURE FLEXIBLE INSULATED LEAD WIRE FOR USE AT 700-2000F,
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ELECTRIC INSULATION, MAGNESIUM OXIDES
MINERAL INSULATED WIRING,
AD-656 327 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, POLYETHYLENE PLASTICS
THE COOLING RATE OF POLYETHYLENE INSULATED WIRE DURING THE EXTRUSION PROCESS,
AD-656 077 9A U67 19 HC$ 3.00 MF$ 0.65

SOLID POLYPROPYLENE INSULATION FOR WIRE AND CABLE APPLICATIONS,
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ETHYLENE PROPYLENE COPOLYMER PROVIDES A VERSATILE AND STABLE INSULATION,
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NEW LOW-LOSS 'HALLOON' TYPE POLYETHYLENE INSULATION FOR TELECOMMUNICATION CABLES,
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POLYMER REQUIREMENTS AND INSULATING TECHNIQUES FOR OBTAINING THE MAXIMUM BENEFITS OF HIGH DENSITY POLYETHYLENE,
AD-656 216 111 U67 19

ENGINEERING POLYETHYLENE FOR WIRE AND CABLE,
AD-656 260 111 U67 19 HC$ 3.00 MF$ 0.65

IRRATHENE 201 IRRADIATED POLYETHYLENE A NEW CABLE INSULATION,
AD-656 261 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE-INSULATED TELEPHONE CABLE,
AD-656 374 17B U67 19 HC$ 3.00 MF$ 0.65

RECENT DEVELOPMENTS IN POLYETHYLENE INSULATING MATERIALS,
AD-656 388 111 U67 19 HC$ 3.00 MF$ 0.65

CHEMICALLY CROSS-LINKED POLYETHYLENE,
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THE USE OF IRRATHENE IRRADIATED POLYETHYLENE IN WIRE AND CABLE,
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ELECTRIC INSULATION, POLYVINYL CHLORIDE
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ELECTRIC INSULATION, QUALITY CONTROL
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AD-656 268 111 U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, RADIATION DAMAGE
THE EFFECTS OF RADIATION ON SILICONE RUBBER WIRE AND CABLE INSULATION,
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ELECTRIC INSULATION, RUBBER
LATEX INSULATION FOR COMMUNICATION AND CONTROL CABLES,
AD-656 321 11J U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, SILICONE PLASTICS
AN ENVIRONMENTAL HIGH PERFORMANCE, RUGGED SILICONE CABLE DESIGN FOR MISSILE APPLICATION,
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SILICONE RUBBER GRADED CONSTRUCTION FOR HIGH VOLTAGE INSULATION,
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THE APPLICATION OF SILICONE RUBBER INSULATED WIRES AND CABLES,
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COMPOUNDING OF G.E. ELECTRICAL GRADE SILICONE RUBBER,
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THE USE OF HEAT SHRINKABLE SILICONE RUBBER ON CABLES AND CABLE ASSEMBLIES,
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ELECTRIC INSULATION, SPACE ENVIRONMENTAL CONDITIONS
THE DESIGN AND DEVELOPMENT OF WIRE INSULATIONS FOR USE IN THE ENVIRONMENT OF OUTER SPACE.
AD-656 095 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, SPACECRAFT
WIRE AND CABLE INSULATION PROBLEMS OF SPACE VEHICLES,
AD-656 096 11G U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, STABILITY
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ELECTRIC INSULATION, SYNTHETIC RUBBER
HIGH VOLTAGE - HIGH TEMPERATURE RUBBER INSULATION,
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SILICONE RUBBER AS CABLE INSULATION,
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MILITARY APPLICATIONS OF SILICONE RUBBER INSULATED WIRE AND CABLE,
AD-656 378 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, TAPES
NEW DEVELOPMENTS IN SILICONE RUBBER FOR ELECTRICAL TAPES,
AD-656 505 111 U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC INSULATION, TEST EQUIPMENT
AN ADAPTER TO IMPROVE THE SENSITIVITY OF THE Q METER FOR DIELECTRIC LOSS MEASUREMENTS OF POLYETHYLENE,
AD-656 201 14B U67 19 HC$ 3.00 MF$ 0.65

MICRODENSITOMETRIC DETERMINATION OF DISPERSION,
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ELECTRIC INSULATION, VINYL PLASTICS
DEVELOPMENT OF WEATHER-RESISTANT VINYL JACKETS,
AD-656 385 111 U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC POWER CONVERSION
DESIGN AND PERFORMANCE OF A NUCLEAR REACTOR SIMULATOR FOR NONNUCLEAR TESTING OF SPACE POWER SYSTEMS.
N67-32371 18N S05 18 HC$ 3.00 MF$ 0.65

ELECTRIC RELAYS, MATHEMATICAL ANALYSIS
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ELECTRIC RESISTANCE
SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM.
N67-31919 7B S05 18 HC$ 3.00 MF$ 0.65

MOTION OF MAGNETIC FLUX THROUGH SUPERCONDUCTING STRIPS.
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ELECTRIC TERMINALS, COAXIAL CABLES
COAXIAL CABLE AND SHIELDED WIRE TERMINATIONS,
AD-656 200 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC TERMINALS, RUBBER SEALS
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AD-656 258 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC TERMINALS, STANDARDIZATION
STANDARDIZATION OF WIRE TERMINATIONS USED ON MILITARY EQUIPMENT,
AD-656 175 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, AGING(MATERIALS)

THERMAL AGING CHARACTERISTICS OF AIRCRAFT WIRES AND CABLES,
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ELECTRIC WIRE, AIRCRAFT EQUIPMENT
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ELECTRIC WIRE, ALUMINUM
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AD-656 511 11F U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, CERAMIC COATINGS
RECENT PROGRESS IN MAGNET WIRE ENAMELS,
AD-656 377 11C U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, COOLING
THE COOLING RATE OF POLYETHYLENE INSULATED WIRE DURING THE EXTRUSION PROCESS,
AD-656 077 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, COPPER ALLOYS
COMPOSITE WIRES FOR OPERATION AS ELECTRICAL CONDUCTORS AT ELEVATED TEMPERATURES,
AD-656 291 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, IDENTIFICATION SYSTEMS
HIGH SPEED BAND MARKING OF INSULATED CONDUCTORS,
AD-656 119 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, JOINING
A NEW MATERIAL FOR SPLICING WIRE AND CABLE,
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ELECTRIC WIRE, LAMINATED PLASTICS
POLYESTER FILM LAMINATES FOR WIRE INSULATION,
AD-656 106 11I U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, MANUFACTURING METHODS
NEW DEVELOPMENTS IN THE MANUFACTURE OF COMMUNICATION CABLE AT OMAHA,
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ELECTRIC WIRE, MINIATURE ELECTRONIC EQUIPMENT
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AD-656 215 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, NYLON COATINGS
TOUGHER WIRE JACKETS OF NYLON,
AD-656 117 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, PLASTIC COATINGS
INTERMEDIATE AND LOW DENSITY LOW-PRESSURE POLYETHYLENES THEIR PROPERTIES AND APPLICATIONS IN THE WIRE AND CABLE INDUSTRY,
AD-656 108 11I U67 19 HC$ 3.00 MF$ 0.65

PROPYLENE-BASED COPOLYMERS IN WIRE AND CABLE APPLICATIONS,
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WIRE JACKETS OF NYLON R = K (PQ) + (EC) TO THE X POWER,
AD-656 203 11C U67 19 HC$ 3.00 MF$ 0.65

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THE NATURAL AND ARTIFICIAL AGING OF WIRE JACKETS,
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THE EFFECTS OF CONDUCTOR TEMPERATURE ON THE QUALITY OF EXTRUDED VINYL WIRE INSULATION,
AD-656 266 13H U67 19 HC$ 3.00 MF$ 0.65

STATUS OF POLYMONOTRIFLUOROCHLOROETHYLENE INSULATED WIRE,
AD-656 319 9A U67 19 HC$ 3.00 MF$ 0.65

THE EFFECT OF STOCK TEMPERATURE ON THE PHYSICAL PROPERTIES OF POLYTHENE COATINGS FOR WIRE,
AD-656 417 11C U67 19 HC$ 3.00 MF$ 0.65

HIGH SPEED COLOR CODING OF PVC INSULATED WIRE,
AD-656 524 9A U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, POLYETHYLENE PLASTICS
AN EVALUATION OF HEAT STABILIZED, FLAME-RETARDED, CROSS-LINKED POLYOLEFINS FOR ELECTRONIC WIRE AND CABLE APPLICATIONS.
AD-656 226 11I U67 19 HC$ 3.00 MF$ 0.65

ELECTRIC WIRE, RUBBER COATINGS
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AD-656 384 13H U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL CONDUCTANCE, FILMS
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AD-656 609 7D U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL CORONA, DEGRADATION
DEGRADATION OF POLYMERS BY EXTERNAL CORONA DISCHARGE,
AD-656 198 11J U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL CORONA, INTERFEROMETERS
AN INTERFEROMETRIC STUDY OF THE EFFECTS OF CORONA DISCHARGE ON THE TEMPERATURE PROFILES ON A FLAT, UNIFORM TEMPERATURE PLATE IN FORCED CONVECTION.
AD-656 456 20D U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL DOUBLE LAYER, CAPACITANCE
CORRECTION FOR DOUBLE LAYER CHARGING DURING STRIPPING OF ADSORBED LAYERS.
AD-656 044 7D U67 19

ELECTRICAL DOUBLE LAYER, REACTION KINETICS
AN ELECTROKINETIC STUDY OF THE PLATINUM-POTASSIUM IODIDE SOLUTION INTERFACE,
AD-656 726 7D U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL NETWORKS, COMMUNICATION SYSTEMS
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ELECTRICAL NETWORKS, COMPUTER PROGRAMS
FROM RESEARCH TO APPLICATION A FOLLOW-UP EFFECTIVENESS STUDY OF GRANT AF-AFOSR-177-63, COMPUTER ANALYSIS AND SYNTHESIS OF ELECTRICAL CIRCUITS,
AD-656 768 9E U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL NETWORKS, THEORY
SYNTHESIS OF FINITE PASSIVE N-PORTS WITH PRESCRIBED POSITIVE REAL MATRICES OF SEVERAL VARIABLES,
AD-656 772 9E U67 19 HC$ 3.00 MF$ 0.65

ELECTRICAL PROPERTIES, HALOCARBON PLASTICS
ELECTRICAL FATIGUE AND DIELECTRIC STRENGTH IN TEFLON TFE INSULATION,
AD-656 171 11I U67 19 HC$ 3.00 MF$ 0.65

ELECTROCHEMICAL OXIDATION
ELECTROCHEMICAL STUDIES OF PLATINUM SURFACE OXIDATION IN RELATION TO HYDROCARBON OXIDATION. PART IV - STUDIES WITH C14- LABELLED COMPOUNDS IN RELATION TO CO2 FORMATION AND SURFACE OXIDATION OF PT INTERIM REPORT, JUN. 1964 - OCT. 1966.
N67-31980 7D S05 18 HC$ 3.00 MF$ 0.65

ELECTROCHEMISTRY
ELECTROCHEMICAL STUDY OF ANODIC OXIDE LAYERS OF TANTALUM.
N67-32267 7D S05 18 HC$ 3.00 MF$ 0.65

ELECTROCHEMISTRY, FLUORINATION
ELECTROCHEMICAL STUDIES IN THE SYNTHESIS OF N-F COMPOUNDS.
AD-442 627 7D U67 19 HC$ 3.00

ELECTROCHEMISTRY, INTERFACES
AN ELECTROKINETIC STUDY OF THE PLATINUM-POTASSIUM IODIDE SOLUTION INTERFACE,
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ELECTRODE FILM BARRIER
EVOLUTION OF CHLORIN AT GRAPHITE ELECTRODES.
N67-32120 7D S05 18 HC$ 3.00 MF$ 0.65

ELECTRODES, SURFACE PROPERTIES
THE CORRECTION FOR ELECTRODE OXIDATION DURING THE ANODIC ESTIMATION OF ADSORBATE COVERAGE ON SMOOTH PT ELECTRODES.
AD-656 048 7D U67 19

ELECTRODYNAMICS
A THEORETICAL STUDY OF ANTENNAS IN MOVING IONIZED MEDIA. PART I - THE RECEIVING AREA OF A DIPOLE ANTENNA IN A MOVING MEDIUM FINAL REPORT, MAY 1966 - JUN. 1967.
N67-31657 20N S05 18 HC$ 3.00 MF$ 0.65

ELECTROENCEPHALOGRAPHY, SLEEP
VARIAZIONI DI AMPIEZZA DEL POTENZIALE ELETTROENCEFALOGRAFICO EVOCATO DA STIMOLI LUMINOSI DURANTE IL SONNO NELL'UOMO (AMPLITUDE CHANGES OF THE EEG POTENTIAL EVOKED BY PHOTIC STIMULI DURING SLEEP IN MAN),
AD-656 661 6P U67 19

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AD-656 662 6P U67 19

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ELECTRON MICROSCOPY OF POLYETHYLENE BELOW 20K,
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TEXAS BIANNUAL OF ELECTRONICS RESEARCH, NO. 5.
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MICROTOPOGRAPHY OF THE BLAKE-BAHAMA REGION.
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EXTRUSION, PRESSURE
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EXTRUSION, SILICONE PLASTICS
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EXTRUSION, SYNTHETIC RUBBER
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EXTRUSION, THERMOPLASTICS
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EYE, INFECTIOUS DISEASES
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EYE, MOTION
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AD-656 950 6P U67 19

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FALLOUT SHELTERS, LIGHTING EQUIPMENT
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FATIGUE LIFE
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CORRELATIONS BETWEEN FLEXURAL AND DIRECT STRESS LOW-CYCLE FATIGUE TESTS.
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FEDERAL BUDGETS, MILITARY ORGANIZATIONS
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AD-656 700 5U U67 19 HC$ 3.00 MF$ 0.65

FEED SYSTEM
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FERMIONS, NUCLEAR SPINS
COVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN,
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FERRITES, CRYSTAL STRUCTURE
STUDY OF POLYTYPIC PHASE RELATIONS AMONG COMPLEX INORGANIC STRUCTURES.
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FERRITES, RESONANT FREQUENCY
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FERROELECTRIC MATERIALS, HYSTERESIS
CONSTRICTED HYSTERESIS LOOPS OF BARIUM TITANATE.
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FERROMAGNETIC MATERIALS, MICROWAVES
MEASUREMENT OF LINEWIDTH OF SINGLE CRYSTAL FERRITES USING A SHORTED TRANSMISSION LINE.
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FERROMAGNETIC MATERIALS, PULSE GENERATORS
PULSED MAGNETIC FIELD FERROMAGNETIC MICROWAVE GENERATOR.
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FERROMAGNETISM
CRUFT LABORATORY SEMIANNUAL PROGRESS REPORT, 1 JUL. - 31 DEC. 1966.
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FERTILIZERS, EXPLOSIONS
INVESTIGATION OF SENSITIVITY OF FERTILIZER GRADE AMMONIUM NITRATE TO EXPLOSION.
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FIELD THEORY
THE PHYSICAL TENSOR AND APPLICATION FINAL SCIENTIFIC REPORT, 1 NOV. 1965 - 31 JAN. 1967.
N67-31638 12A S05 18 HC$ 3.00 MF$ 0.65

FIELD WIRE, MILITARY REQUIREMENTS
A PRESENT AND FUTURE VIEW OF THE FIELD ARMY WIRE AND CABLE REQUIREMENTS,
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FOUR-WIRE FIELD WIRE,
AD-656 207 17B U67 19 HC$ 3.00 MF$ 0.65

FIELD WIRE, MOBILIZATION
OBTAINING MOBILIZATION PREPAREDNESS FOR SIGNAL CORPS WIRE AND CABLE.
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FILM BOILING
LAMINAR FLOW ANALYSIS OF FILM BOILING FROM A HORIZONTAL WIRE.
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FILMS, DISPLAY SYSTEMS
DEVELOPMENT OF THIN FILM ELECTROLUMINESCENT DISPLAY TECHNIQUES.
AD-655 903 9E U67 19 HC$ 3.00 MF$ 0.65

FILMS, ELECTRICAL CONDUCTANCE
SIZE EFFECTS IN THE TEMPERATURE VARIATION OF ELECTRICAL CONDUCTIVITY OF EPITAXIAL GOLD FILMS,
AD-656 609 7D U67 19 HC$ 3.00 MF$ 0.65

FILMS, PHOTOCHEMISTRY
THEORETICAL STUDIES OF COMPLEXED TRANSITION METAL PHOTOTROPIC SYSTEMS.
AD-470 074 7E U67 19 HC$ 3.00 MF$ 0.65

FILMS, SUPERCONDUCTORS
THE NONLINEAR MICROWAVE EFFECTS IN CONDUCTORS.
PB-175 689 20N U67 19 HC$ 3.00 MF$ 0.65

FIRE SAFETY, FORESTRY
A REPRODUCIBLE SYSTEM FOR EVALUATING FOREST FIRE RETARDANTS.
PB-175 570 13L U67 19 HC$ 3.00 MF$ 0.65

FIRE SAFETY, OXYGEN EQUIPMENT
OIL CONTAMINATION IN OXYGEN SYSTEMS.
AD-656 126 13L U67 19 HC$ 3.00 MF$ 0.65

FIRES, MORTALITY RATES
A STUDY OF WORLD WAR II GERMAN FIRE FATALITIES.
AD-655 864 6U U67 19 HC$ 3.00 MF$ 0.65

FISHES, AUDITORY PERCEPTION
ACOUSTIC INTENSITY LIMENS IN THE GOLDFISH,
AD-656 556 6C U67 19

FISSION PRODUCT ACTIVITY, INTEGRAL TRANSFORMS
RADIOACTIVE DISINTEGRATION AS A SUBSIDENCE PROCESS,
AD-656 399 18G U67 19 HC$ 3.00 MF$ 0.65

FISSION, URANIUM COMPOUNDS
THE 233 U FISSION AND CAPTURE CROSS SECTIONS AND THEIR ANALYSIS AT LOW ENERGIES,
LA-3676 20H N21 15 HC$ 3.00 MF$ 0.65

FITTINGS, CONTROL RODS
METALLURGICAL FAILURE ANALYSIS OF PM-3A REACTOR CONTROL ROD LIFTING KNOB.
AD-656 579 18J U67 19 HC$ 3.00 MF$ 0.65

FIXED-WING AIRCRAFT
AERODYNAMIC CHARACTERISTICS OF A TAILLESS FIXED-WING SUPERSONIC TRANSPORT CONFIGURATION AT MACH NUMBER 2.20.
N67-31933 1A S05 18 HC$ 3.00 MF$ 0.65

FLAMES, FREE RADICALS
RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN-NITROGEN-OXYGEN FLAMES.
AD-655 989 21B U67 19

FLAMES, GAS IONIZATION
EXPERIMENTAL STUDY OF CHEMI-IONIZATION.
AD-656 343 7D U67 19 HC$ 3.00 MF$ 0.65

FLAMES, SPECTROSCOPY
COMBUSTION GAS EMITTED RADIATION AND CHEMILUMINESCENCE PHENOMENA IN SOLID-GAS REACTING SYSTEMS.
AD-656 426 21B U67 19 HC$ 3.00 MF$ 0.65

FLAT PLATE
THE LAMINAR BOUNDARY LAYER IN A RADIATING ABSORBING GAS NEAR A FLAT PLATE.
N67-31858 20M S05 18 HC$ 3.00 MF$ 0.65

FLIGHT CHARACTERISTICS
LOW-SPEED CHARACTERISTICS OF A VARIABLE-SWEEP SUPERSONIC TRANSPORT MODEL WITH A BLENDED ENGINE FUSELAGE AND ENGINE-MOUNTED TAILS.
N67-32140 1C S05 18 HC$ 3.00 MF$ 0.65

FLIGHT PATHS, ATMOSPHERIC TEMPERATURE
A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES.
AD-656 309 4B U67 19 HC$ 3.00 MF$ 0.65

FLIGHT PATHS, OPTIMIZATION
THE SEPARATE COMPUTATION OF ARCS FOR OPTIMAL FLIGHT PATHS WITH STATE VARIABLE INEQUALITY CONSTRAINTS.
AD-656 394 12A U67 19 HC$ 3.00 MF$ 0.65

FLIGHT SIMULATOR

MODIFICATIONS TO INTERIM VISUAL SPACEFLIGHT SIMULATOR QUARTERLY REPORT, 12 JAN. - 12 APR. 1967.
N67-32368 14B S05 18 HC$ 3.00 MF$ 0.65

FLIGHT SIMULATORS, EFFECTIVENESS
A STUDY OF SIMULATOR CAPABILITIES IN AN OPERATIONAL TRAINING PROGRAM.
AD-656 308 5I U67 19 HC$ 3.00 MF$ 0.65

FLIGHT TEST
FULL-SCALE FLIGHT TEST FROM SEA LEVEL OF AN ABORT-ESCAPE SYSTEM FOR A PROJECT MERCURY CAPSULE.
N67-31927 22B S05 18 HC$ 3.00 MF$ 0.65

REPORT OF THE SESSION OF THE WGLR SUBCOMMITTEE ON AERODYNAMICAL COMPUTER TECHNOLOGY.
N67-31881 1A S05 18 HC$ 3.00 MF$ 0.65

FLIGHT TEST OF A LITTLE JOE BOOSTED FULL- SCALE SPACECRAFT MODEL AND ESCAPE SYSTEM FOR PROJECT MERCURY.
N67-31979 22B S05 18 HC$ 3.00 MF$ 0.65

FLIGHT TEST OF A 31.2-FOOT-DIAMETER MODIFIED RINGSAIL PARACHUTE DEPLOYED AT A MACH NUMBER OF 1.39 AND A DYNAMIC PRESSURE OF 11.0 POUNDS PER SQUARE FOOT.
N67-32265 1C S05 18 HC$ 3.00 MF$ 0.65

PANEL FLUTTER STUDIES OF BOOST-VEHICLE FULL-SCALE FLIGHT INSULATION PANELS.
N67-32552 22D S05 18 HC$ 3.00 MF$ 0.65

FLIGHT TEST INSTRUMENT
THE USE OF A VISUAL TESTING APPARATUS FOR SPACE APPLICATION FINAL REPORT.
N67-32271 5E S05 18 HC$ 3.00 MF$ 0.65

FLIGHT VEHICLE
REQUIREMENT STUDIES FOR THE LAUNCH VEHICLE AND SUPPORT FOR A HORIZON DEFINITION SPACECRAFT.
N67-31833 22D S05 18 HC$ 3.00 MF$ 0.65

FLOODS, RIVERS
ELECTRONIC COMPUTER PROGRAM FOR FLOOD RECORD COMPILATION AND FREQUENCY PLOT.
PB-175 511 8H U67 19 HC$ 3.00 MF$ 0.65

FLOW DISTRIBUTION
PRESSURE AND HEAT-TRANSFER DISTRIBUTION ON THE AFTERBODY OF A LIFTING MERCURY- TYPE CAPSULE AT MACH NUMBER 15 IN HELIUM.
N67-31920 22B S05 18 HC$ 3.00 MF$ 0.65

FLOW FIELDS, FLUIDS
TRANSIENT FREE-SURFACE FLOW.
AD-656 489 20D U67 19 HC$ 3.00 MF$ 0.65

FLOW SEPARATION, INTEGRAL EQUATIONS
ON THE METHOD OF INTEGRAL RELATIONS.
AD-656 198 20D U67 19

FLUID AMPLIFIERS, FLUID FLOW
TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS.
AD-656 780 20D U67 19 HC$ 3.00 MF$ 0.65

FLUID FLOW, CYLINDRICAL BODIES
ON THE ASYMPTOTIC FORM OF THE STREAM FUNCTION FOR THE FLOW OF AN OSEEN-LIKE FLUID PAST A PARABOLIC CYLINDER.
AD-655 894 20D U67 19 HC$ 3.00 MF$ 0.65

FLUID MECHANICS
INJECTION OF A DRAG-REDUCING FLUID INTO TURBULENT PIPE FLOW OF A NEWTONIAN FLUID.
N67-31795 20D S05 18 HC$ 3.00 MF$ 0.65

FLUID MECHANICS, CONVECTION(HEAT TRANSFER)
AN INTERFEROMETRIC STUDY OF THE EFFECTS OF CORONA DISCHARGE ON THE TEMPERATURE PROFILES ON A FLAT, UNIFORM TEMPERATURE PLATE IN FORCED CONVECTION.
AD-656 466 20D U67 19 HC$ 3.00 MF$ 0.65

FLUID MECHANICS, SPHERES
FLUID FREE SURFACE PROXIMITY EFFECT ON A SPHERE VERTICALLY ACCELERATED FROM REST.
AD-656 429 20D U67 19 HC$ 3.00 MF$ 0.65

FLUID MECHANICS, TURBULENCE
SIMILARITY AND THE TURBULENT ENERGY SPECTRUM.
AD-656 147 20D U67 19

FLUIDIZED BED PROCESSES, CHEMICAL ENGINEERING
CHEMICAL ENGINEERING DIVISION SEMIANNUAL REPORT, JANUARY-JUNE 1966.
ANL-7225 18J N21 15 HC$ 3.00 MF$ 0.65

FLUIDIZED BED PROCESSES, FLUORIDES
LABORATORY INVESTIGATIONS IN SUPPORT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART XIV. THE CORROSION OF NICKEL AND NICKEL ALLOYS BY FLUORINE, URANIUM HEXAFLUORIDE, AND SELECTED VOLATILE FISSION PRODUCT FLUORIDES AT 500 DEGREES C.
ANL-7241 18J N21 15 HC$ 3.00 MF$ 0.65

FLUIDIZED BED PROCESSES, PLASTIC COATINGS
APPLICATION OF PVC WIRE INSULATION BY FLUIDIZED BED METHODS.
AD-656 060 13H U67 19 HC$ 3.00 MF$ 0.65

FLUORESCENCE, EQUATIONS
SMOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION.
AD-656 156 7D U67 19

FLUORESCENCE, RARE EARTH ELEMENTS
INFLUENCE OF CHARGE COMPENSATION ON UV-EXCITATION OF RARE-EARTH FLUORESCENCE.
AD-656 599 20L U67 19 HC$ 3.00 MF$ 0.65

FLUORIDES, FLUIDIZED BED PROCESSES
LABORATORY INVESTIGATIONS IN SUPPORT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART XIV. THE CORROSION OF NICKEL AND NICKEL ALLOYS BY FLUORINE, URANIUM HEXAFLUORIDE, AND SELECTED VOLATILE FISSION PRODUCT FLUORIDES AT 500 DEGREES C.
ANL-7241 18J N21 15 HC$ 3.00 MF$ 0.65

FLUORIDES, SYNTHESIS(CHEMISTRY)
REACTIONS OF SULFUR HEXAFLUORIDE WITH EXPLODING METALS.
AD-656 312 7B U67 19 HC$ 3.00 MF$ 0.65

FLUORINATION, ELECTRODES
ELECTROCHEMICAL STUDIES IN THE SYNTHESIS OF N-F COMPOUNDS.
AD-442 627 7D U67 19 HC$ 3.00

FLUORINE COMPOUNDS, SYNTHESIS(CHEMISTRY)
ELECTROCHEMICAL STUDIES IN THE SYNTHESIS OF N-F COMPOUNDS.
AD-442 627 7D U67 19 HC$ 3.00

FLUORODAMINES, SYNTHESIS(CHEMISTRY)
ELECTROCHEMICAL STUDIES IN THE SYNTHESIS OF N-F COMPOUNDS.
AD-442 627 7D U67 19 HC$ 3.00

FLUTTER, PIPES
STATIC AND DYNAMIC INSTABILITIES OF A PROPELLANT LINE.
AD-656 752 20D U67 19 HC$ 3.00 MF$ 0.65

FOOD DISPENSING, PERSONNEL MANAGEMENT
NEW APPROACHES TO MESS COOK MANAGEMENT AFLOAT.
AD-477 671 5I U67 19 HC$ 3.00 MF$ 0.65

FOOD, CARBOHYDRATES
DETERMINATION OF AVAILABLE CARBOHYDRATES IN PLANT AND ANIMAL FOODS.
AD-656 351 6H U67 19

FOOD, PROCESSING
APPLICATIONS OF MICROWAVE HEATING TO FOOD PROCESSING AND COOKERY - A CHECKLIST BIBLIOGRAPHY.
AD-656 741 6H U67 19 HC$ 3.00 MF$ 0.65

FORESTRY, FIRE SAFETY
A REPRODUCIBLE SYSTEM FOR EVALUATING FOREST FIRE RETARDANTS.
PB-175 570 13L U67 19 HC$ 3.00 MF$ 0.65

FORESTRY, TREES
DENSITY AND HEIGHT GROWTH IN NATURAL SLASH PINE.
PB-175 694 2F U67 19 HC$ 3.00 MF$ 0.65

FORMATES, SPECIFIC HEAT
HEAT CAPACITY OF MN(HCOO)2.2H2O BETWEEN 1.4 AND 20K.
AD-656 400 20L U67 19

FOUNDATIONS(STRUCTURES), ARCTIC REGIONS
PIONEER POLAR STRUCTURES - MOBILE FOUNDATION FOR JAMESWAYS UP TO 64 FEET LONG.
AD-656 587 13M U67 19 HC$ 3.00 MF$ 0.65

FRACTURE(MECHANICS), REACTOR MATERIALS
DETERMINATION OF THE FRACTURE TOUGHNESS OF EGCR-TYPE AGOT GRAPHITE.
ORNL-4030 18J N21 15 HC$ 3.00 MF$ 0.65

FREE RADICALS, FLAMES
RADICAL CONCENTRATIONS AND DECAYS IN LEAN HYDROGEN-NITROGEN-OXYGEN FLAMES.
AD-655 989 21B U67 19

FREE RADICALS, SYMPOSIA
INTERNATIONAL SYMPOSIUM ON FREE RADICALS (7TH), PADUA, ITALY, SEPTEMBER 5-10, 1965.
AD-656 392 7D U67 19 HC$ 3.00 MF$ 0.65

FREQUENCY MODULATION
REFLECTION MEASUREMENTS IN TRANSMISSION TECHNOLOGY USING BROADBAND FREQUENCY MODULATION IN THE MICROWAVE REGION.
N67-32030 20N S05 18 HC$ 3.00 MF$ 0.65

FUEL CELLS, ALKANES
RESEARCH ON THE ELECTROCHEMICAL OXIDATION OF HEXANE AND ITS ISOMERS.
AD-656 472 10B U67 19 HC$ 3.00 MF$ 0.65

AD-656 496 10B U67 19 HC$ 3.00 MF$ 0.65

FUEL CELLS, CATALYSTS
INVESTIGATION OF MECHANISMS FOR ELECTROCHEMICAL CATALYSIS.
AD-656 468 10B U67 19 HC$ 3.00 MF$ 0.65

FUEL CELLS, COMPUTER PROGRAMS
COMPUTER PROGRAMS FOR THE OPTIMIZATION OF INTEGRATED INDIRECT HYDROCARBON FUEL CELL SYSTEMS.
AD-475 881 10B U67 19 HC$ 3.00 MF$ 0.65

FUEL CELLS, GAS GENERATING SYSTEMS
EXPLORATORY DEVELOPMENT MODEL MINIATURE HYDROGEN GENERATOR.
AD-655 913 10B U67 19 HC$ 3.00 MF$ 0.65

FUELS, RADIOACTIVE ISOTOPES
RADIOLOGICAL SAFETY STUDIES OF SPACE NUCLEAR SYSTEMS.
SC-CR-66-2144 22- N21 15 HC$ 3.00 MF$ 0.65

FUNCTIONS, MATHEMATICS
THE CONCEPT OF A FILTER.
AD-655 982 12A U67 19

FUNGI, GROWTH
BACKWARD-DIRECTED FUNGAL HYPHAL BRANCHING,
AD-655 871 6C U67 19

FUNGUS DETERIORATION, ELECTRIC INSULATION
THE EFFECTS OF SOIL MICROORGANISMS ON THE PHYSICAL AND ELECTRICAL CHARACTERISTICS OF RADIO FREQUENCY CABLES,
AD-656 255 11I U67 19 HC$ 3.00 MF$ 0.65

FURNACES, AGING(MATERIALS)
AN IMPROVED OVEN FOR ACCELERATED AGING OF POLYVINYL CHLORIDE COMPOUNDS,
AD-656 202 13A U67 19 HC$ 3.00 MF$ 0.65

GAME THEORY, MANAGEMENT PLANNING
PRICE STRATEGY OLIGOPOLY WITH PRODUCT VARIATION,
AD-656 721 12B U67 19 HC$ 3.00 MF$ 0.65

GAMMA RADIATION
SPACE RADIATION EQUIVALENCE FOR EFFECTS ON TRANSISTORS FINAL REPORT, 15 MAY 1965 - 15 NOV. 1966.
N67-32026 9A S05 18 HC$ 3.00 MF$ 0.65

GAMMA RAYS, BACTERIA
THE EFFECT OF REPEATED TREATMENT WITH GAMMA RAYS ON THE RADIO-RESISTANLATED BACTERIA,
TID-23707 6H N21 15 HC$ 3.00 MF$ 0.65

GAMMA-RAY SPECTROSCOPY, COMPUTER PROGRAMS
A METHOD FOR THE ANALYSIS OF PULSE HEIGHT SPECTRA,
AD-656 155 18D U67 19

GARNET, CRYSTAL GROWTH
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS.
AD-656 769 11B U67 19 HC$ 3.00 MF$ 0.65

GAS ANALYSIS, INSTRUMENTATION
ELECTROCHEMICAL CARBON DIOXIDE SENSOR.
AD-655 936 6K U67 19 HC$ 3.00 MF$ 0.65

GAS BEARINGS, JOURNAL BEARINGS
SHAKE TABLE TESTS OF A SPIRAL-GROOVED JOURNAL BEARING.
AD-656 398 13I U67 19 HC$ 3.00 MF$ 0.65

GAS COMPOSITION
SEARCH FOR BIOLOGICAL PRECURSOR MOLECULES IN VOLCANIC VOLATILE SYSTEMS SEMIANNUAL STATUS REPORT, SEP. 1966 - MAR. 1967.
N67-31642 6C S05 18 HC$ 3.00 MF$ 0.65

GAS DISCHARGES, SPECTROSCOPY
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES.
AD-656 434 7D U67 19 HC$ 3.00 MF$ 0.65

GAS DISCHARGES, STABILITY
WAVES OF IONIZATION IN A CO2 DISCHARGE,
AD-656 159 20I U67 19

GAS FLOW, INJECTION
MASSIVE BLOWING EXPERIMENTS,
AD-656 705 20D U67 19 HC$ 3.00 MF$ 0.65

GAS FLOW, LIQUEFIED GASES
AIR LIQUEFACTION BOUNDARIES EXPERIMENTALLY DETERMINED FOR THE BALLISTIC RESEARCH LABORATORIES' SUPERSONIC AND HYPERSONIC WIND TUNNELS,
AD-656 445 20D U67 19 HC$ 3.00 MF$ 0.65

GAS FLOW, THERMAL RADIATION
HIGH VELOCITY RADIATING FLOWS.
AD-656 766 20M U67 19 HC$ 3.00 MF$ 0.65

GAS GENERATING SYSTEMS, HYDROGEN
EXPLORATORY DEVELOPMENT MODEL MINIATURE HYDROGEN GENERATOR.
AD-655 913 10B U67 19 HC$ 3.00 MF$ 0.65

GAS GENERATOR ENGINES, DESIGN
DEVELOPMENT AND ENGINEER DESIGN TEST OF THE 10-KW, 60-CYCLE MILITARY STANDARD ENGINE GENERATOR SET MODEL SF 10.0 MD, VOLUME IV,
AD-656 441 10B U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENT AND ENGINEER DESIGN TEST OF THE 10-KW, 60-CYCLE MILITARY STANDARD ENGINE GENERATOR SET MODEL SF 10.0 MD,
AD-656 442 10B U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENT AND TEST OF THE 1.5-KW, 60-CYCLE, MILITARY-DESIGN, ENGINE-DRIVEN GENERATOR SET, MODEL SF-1.5-MD.
AD-656 444 10B U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENT AND ENGINEER DESIGN TEST OF THE 10-KW, 60-CYCLE MILITARY STANDARD ENGINE GENERATOR SET MODEL SF 10.0 MD.
AD-656 614 10B U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENT AND ENGINEER DESIGN TEST OF THE 10-KW, 60-CYCLE MILITARY STANDARD ENGINE GENERATOR SET MODEL SF 10.0 MD, VOLUME I,
AD-656 615 10B U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENT AND ENGINEER DESIGN TEST OF THE 10-KW, 60-CYCLE MILITARY STANDARD ENGINE GENERATOR SET MODEL SF 10.0 MD, VOLUME III,
AD-656 616 10B U67 19 HC$ 3.00 MF$ 0.65

GAS IONIZATION, ILLUMINATION
INVESTIGATION OF THE MECHANISMS ASSOCIATED WITH GAS BREAKDOWN UNDER INTENSE OPTICAL ILLUMINATION.
AD-656 084 20I U67 19 HC$ 3.00 MF$ 0.65

GAS IONIZATION, QUANTUM MECHANICS
THE ABSORPTION OF X-RAYS BY INTERSTELLAR GAS,
AD-656 352 4A U67 19

GAS IONIZATION, REACTION KINETICS
EXPERIMENTAL STUDY OF CHEMI-IONIZATION.
AD-656 343 7D U67 19 HC$ 3.00 MF$ 0.65

GAS IONIZATION, SHOCK WAVES
NONEQUILIBRIUM RADIATION AND IONIZATION IN SHOCK WAVES,
AD-656 767 20D U67 19 HC$ 3.00 MF$ 0.65

GAS IONIZATION, THEORY
TEST OF THE DIRECT INTERACTION MODEL FOR ATOMIC REACTIONS CORRELATION OF THE OUTGOING ELECTRONS IN ELECTRONIC IONIZATION.
AD-656 052 7D U67 19 HC$ 3.00 MF$ 0.65

GAS LASER
STUDY OF CW GASEOUS LASERS FOR SPACE COMMUNICATIONS SEMIANNUAL STATUS REPORT, 1 JUL. - 30 NOV. 1966.
N67-31738 20E S05 18 HC$ 3.00 MF$ 0.65

PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 AUG. - 6 NOV. 1965.
N67-32164 17B S05 18 HC$ 3.00 MF$ 0.65

GAS LASERS, DESIGN
INVESTIGATION OF THE MECHANISMS ASSOCIATED WITH GAS BREAKDOWN UNDER INTENSE OPTICAL ILLUMINATION.
AD-656 084 20I U67 19 HC$ 3.00 MF$ 0.65

GAS TURBINES, CORROSION
FORMATION OF ALKALI IRON SULFATES AND OTHER COMPOUNDS CAUSING CORROSION IN BOILERS AND GAS TURBINES.
AD-656 366 11F U67 19 HC$ 3.00 MF$ 0.65

GASEOUS IONIZATION
THE INFLUENCE OF ENERGY-DEPENDENT RELAXATION TIMES AND CHARGECARRIER MASS ON IONIZATION WAVES IN PLASMAS.
N67-32154 20I S05 18 HC$ 3.00 MF$ 0.65

GASES, HEAT TRANSFER
ON THE SOLUTION OF EQUATION OF TRANSFER FOR A GREY GAS ENCLOSED BETWEEN TWO PLANE SURFACES.
AD-656 576 20M U67 19 HC$ 3.00 MF$ 0.65

GELS, PREPARATION
GEL-ADDITION PROCESS CHEMICAL STUDIES. QUARTERLY PROGRESS REPORT NO. 2, OCTOBER-DECEMBER 1966.
AAR-3714-2 18J N21 15 HC$ 3.00 MF$ 0.65

GENERATORS, STEAM
DESIGN, PERFORMANCE, AND ECONOMICS EVALUATION OF SODIUM-HEATED, MODULAR, SUPERCRITICAL, STEAM GENERATORS,
NAA-SR-8508 18I N21 15 HC$ 3.00 MF$ 0.65

GENETICS, HEMOGLOBIN
TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA-CHAIN OF RABBIT HEMOGLOBIN,
AD-656 222 6C U67 19

GEOCHEMISTRY
SEARCH FOR BIOLOGICAL PRECURSOR MOLECULES IN VOLCANIC VOLATILE SYSTEMS SEMIANNUAL STATUS REPORT, SEP. 1966 - MAR. 1967.
N67-31642 6C S05 18 HC$ 3.00 MF$ 0.65

GEODESICS, COMPUTER PROGRAMS
GEOPS.
AD-655 852 8E U67 19 HC$ 3.00 MF$ 0.65

GEODETIC SATELLITE
THE USE OF RESONANT LIBRATING ORBITS IN SATELLITE GEODESY.
N67-32372 22C S05 18 HC$ 3.00 MF$ 0.65

GEOGRAPHY
SOVIET ANTARCTIC EXPEDITIONS, 1959 - 1961.
N67-32168 14B S05 18 HC$ 3.00 MF$ 0.65

SOVIET ANTARCTIC EXPEDITIONS, 1955 - 1959.
N67-32170 14B S05 18 HC$ 3.00 MF$ 0.65

GEOLOGY
THE FELDSPARS PHASE RELATIONS, OPTICAL PROPERTIES, AND GEOLOGICAL DISTRIBUTION.
N67-31645 8G S05 18 HC$ 3.00 MF$ 0.65

GEOLOGY, ENGINEERING
GEOLOGIC AND ENGINEERING PROPERTIES INVESTIGATIONS.
PNE-720F 8G N21 15 HC$ 3.00 MF$ 0.65

GEOLOGY, RHODE ISLAND
A SUBMERGED HOLOCENE SHORELINE NEAR BLOCK ISLAND, RHODE ISLAND,
AD-656 143 8F U67 19

GEOLOGY, VOCABULARY
ON TECTONIC TERMINOLOGY,
AD-655 900 8G U67 19 HC$ 3.00 MF$ 0.65

GEOMAGNETIC FIELD
ERRORS AND LIMITATIONS OF THE MAGNETIC COMPASS.
N67-32367 8N S05 18 HC$ 3.00 MF$ 0.65

GEOMAGNETIC STORM
MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1957 - 1958.
N67-32364 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1948-1950.
N67-32365 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1951-1952.
N67-32366 8N S05 18 HC$ 3.00 MF$ 0.65

GEOMETRIC FACTOR
GEOMETRIC EFFICIENCY OF AN ELECTROFORMED NICKEL SOLAR CONCENTRATOR.
N67-32383 10A S05 18 HC$ 3.00 MF$ 0.65

GEOPHYSICAL OBSERVATORY
MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1957 - 1958.
N67-32364 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1948-1950.
N67-32365 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1951-1952.
N67-32366 8N S05 18 HC$ 3.00 MF$ 0.65

GERMANIUM, CRYSTAL GROWTH
OXYGEN-FREE ALUMINUM DOPED GERMANIUM FOR LITHIUM DRIFTING.
AD-656 671 18D U67 19

GERMANIUM, DETECTORS
APPLICATIONS AND OPTIMIZATION OF THE LITHIUMDRIFTED GERMANIUM DETECTOR SYSTEM.
UCRL-50136 18D N21 15 HC$ 3.00 MF$ 0.65

GERMANIUM, RADIOACTIVE BATTERIES
INVESTIGATION OF A PIN-STRUCTURE GERMANIUM PHOTOVOLTAIC CELL.
AD-656 619 10C U67 19 HC$ 3.00 MF$ 0.65

GLASS
INVESTIGATION OF THE KINETICS OF CRYSTALLIZATION OF MOLTEN BINARY AND TERNARY OXIDE SYSTEMS QUARTERLY STATUS REPORT, 1 MAR. - 31 MAY 1967.
N67-31992 11B S05 18 HC$ 3.00 MF$ 0.65

GLIDERS, ATMOSPHERE ENTRY
A NEIGHBORING OPTIMUM FEEDBACK CONTROL SCHEME BASED ON ESTIMATED TIME-TO-GO WITH APPLICATION TO RE-ENTRY FLIGHT PATHS.
AD-656 395 22C U67 19 HC$ 3.00 MF$ 0.65

GLIDERS, RANGES(DISTANCE)
THE SEPARATE COMPUTATION OF ARCS FOR OPTIMAL FLIGHT PATHS WITH STATE VARIABLE INEQUALITY CONSTRAINTS.
AD-656 394 12A U67 19 HC$ 3.00 MF$ 0.65

GLOVES, HEATING ELEMENTS
ELECTRICALLY HEATED HANDWEAR.
AD-656 742 6Q U67 19 HC$ 3.00 MF$ 0.65

GONIOMETERS, X-RAY SPECTROSCOPY
MEASUREMENT OF PARALLEL (SOLLER) SLITS WITH A MODIFIED WEISSENBERG GONIOMETER.
AD-655 984 7D U67 19

GRAMMARS, RECALL
EFFECTS OF GRAMMATICAL FACTORS AND AMOUNT OF MATERIAL ON MEMORIZING PARAGRAPHS, SENTENCES, AND WORD LISTS.
AD-656 454 5J U67 19 HC$ 3.00 MF$ 0.65

GRAPH
COVERED SPACES.
N67-32149 12A S05 18 HC$ 3.00 MF$ 0.65

GRAPHICS, ALGORITHMS
CYCLES WITH MINIMUM AVERAGE LENGTH.
AD-656 471 12B U67 19 HC$ 3.00 MF$ 0.65

GRAPHICS, COMPUTER PROGRAMS
PUBLISHABLE GRAPHS BY COMPUTER A FLEXIBLE, EASY-TO-USE PROGRAM FOR THE CALCOMP PLOTTER.
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N67-31859 6S S05 18 HC$ 3.00 MF$ 0.65

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IGNITION
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INDEXES, PERIODICALS
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AD-655 987 12A U67 19

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AD-655 943 6E U67 19

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AD-656 676 20N U67 19

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AD-655 958 7B U67 19

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AD-655 996 11F U67 19

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AD-656 586 7D U67 19 HC$ 3.00 MF$ 0.65

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AD-656 143 8F U67 19

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AD-605 436 11I U67 19 HC$ 3.00

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N67-31731 21H S05 18 HC$ 3.00 MF$ 0.65

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N67-31989 1A S05 18 HC$ 3.00 MF$ 0.65

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AD-656 411 9A U67 19 HC$ 3.00 MF$ 0.65

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LA-3658 13- N21 15 HC$ 3.00 MF$ 0.65

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AD-656 057 13E U67 19 HC$ 3.00 MF$ 0.65

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N67-31966 13I S05 18 HC$ 3.00 MF$ 0.65

JOURNAL BEARINGS, GAS BEARINGS
SHAKE TABLE TESTS OF A SPIRAL-GROOVED JOURNAL BEARING.
AD-656 398 13I U67 19 HC$ 3.00 MF$ 0.65

JP-4 JET FUEL
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N67-31731 21H S05 18 HC$ 3.00 MF$ 0.65

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AN EXPERIMENTAL STUDY OF 'TAYLOR COLUMNS'.
AD-656 027 3A U67 19

JUPITER(PLANET), RADIO ASTRONOMY
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY.
AD-656 425 3A U67 19 HC$ 3.00 MF$ 0.65

K MESONS, DECAY SCHEMES
COMPARISON OF THE K(+) AND K(-) DECAY RATES INTO THE TAU AND K-MU2 MODES.
AD-656 490 20H U67 19 HC$ 3.00 MF$ 0.65

KIDNEYS, CANCER
PATHOLOGY AND SPREAD OF RENAL CELL CARCINOMA.
AD-656 553 6E U67 19

KIDNEYS, DISEASES
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AD-656 690 6E U67 19 HC$ 3.00 MF$ 0.65

KIDNEYS, TRANSPLANTATION
HUMAN RENAL TRANSPLANTATION AT WILFORD HALL USAF HOSPITAL.
AD-656 691 6E U67 19 HC$ 3.00 MF$ 0.65

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KINETIC EQUATIONS AND DENSITY EXPANSIONS EXACTLY SOLVABLE ONE-DIMENSIONAL SYSTEM.
AD-656 012 7D U67 19

ENSEMBLE DEPENDENCE OF FLUCTUATIONS WITH APPLICATION TO MACHINE COMPUTATIONS.
AD-656 013 7D U67 19

KINETICS
INVESTIGATION OF THE KINETICS OF CRYSTALLIZATION OF MOLTEN BINARY AND TERNARY OXIDE SYSTEMS QUARTERLY STATUS REPORT, 1 MAR. - 31 MAY 1967.
N67-31992 11B S05 18 HC$ 3.00 MF$ 0.65

KRYPTON, SOLIDIFIED GASES
ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON, KRYPTON AND XENON.
AD-656 010 20L U67 19

MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON.
AD-656 011 20L U67 19

LABELS, STANDARDS
MARKING OF JEWELRY AND NOVELTIES OF SILVER.
CS-118-44 13H U67 19 HC$ 3.00

LABORATORY EQUIPMENT, BIOLOGICAL LABORATORIES
ORIENTOMETER-A MULTI-DIRECTIONAL TREADMILL FOR THE ANALYSIS OF ORIENTATION.
PB-175 625 6L U67 19 HC$ 3.00 MF$ 0.65

LAMINAR BOUNDARY LAYER
THE LAMINAR BOUNDARY LAYER IN A RADIATING ABSORBING GAS NEAR A FLAT PLATE.
N67-31858 20M S05 18 HC$ 3.00 MF$ 0.65

LAMINAR BOUNDARY LAYER, DIFFERENTIAL EQUATIONS
AN APPROXIMATE SOLUTION OF THE BOUNDARY LAYER EQUATIONS USING THE METHOD OF PARAMETRIC DIFFERENTIATION.
AD-656 693 20D U67 19 HC$ 3.00 MF$ 0.65

LAMINAR FLOW
LAMINAR FLOW ANALYSIS OF FILM BOILING FROM A HORIZONTAL WIRE.
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LAMINAR FLOWS IN POROUS ELASTIC CHANNELS.
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STUDY OF A HEAT-RESISTANT PLASTIC LAMINATE FROM THE STANDPOINT OF A MECHANICAL-CHEMICAL EQUATION OF STATE.
AD-656 443 11D U67 19 HC$ 3.00 MF$ 0.65

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SUBMARINE CABLE ACTIVITIES.
AD-656 507 13J U67 19 HC$ 3.00 MF$ 0.65

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THEORETICAL DYNAMIC ANALYSIS OF THE LANDING LOADS ON A VEHICLE WITH A TRICYCLE LANDING GEAR.
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LANDING SITE
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LANGUAGE, THESES
SYNTAX DIRECTED INTERPRETATION OF NATURAL LANGUAGE.
AD-655 923 5G U67 19 HC$ 3.00 MF$ 0.65

LASER
INVESTIGATION OF THE POTENTIALITIES OF PHOTOCHEMICAL LASER SYSTEMS. PART I - SURVEY AND ANALYSIS FINAL REPORT, 1 FEB. 1966 - 31 JAN. 1967.
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PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 MAR. - 6 JUN. 1966.
N67-32165 17B S05 18 HC$ 3.00 MF$ 0.65

LASER COMMUNICATION
PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 JUN. - 6 SEP. 1966.
N67-32166 17B S05 18 HC$ 3.00 MF$ 0.65

LASERS, AEROSOLS
MEASUREMENT OF ATMOSPHERIC AEROSOLS BY POLARIZED-LASER LIGHT SCATTERING.
PB-175 688 20E U67 19 HC$ 3.00 MF$ 0.65

LASERS, ATOMIC ENERGY LEVELS
STUDY OF CROSS RELAXATION AND GLASS LASER AMPLIFIERS.
AD-656 763 20E U67 19 HC$ 3.00 MF$ 0.65

LASERS, FOG
LASER FOG DISDROMETER SYSTEM.
AD-656 487 20E U67 19

LASERS, MATERIALS
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS.
AD-656 769 11B U67 19 HC$ 3.00 MF$ 0.65

LASERS, ROTATION
SINGLE-BEAM-LASER ROTATION-RATE SENSOR.
AD-655 979 20E U67 19

LASERS, SOLID STATE PHYSICS
SOLID STATE RESEARCH, 1967-2.
AD-656 548 20L U67 19 HC$ 3.00 MF$ 0.65

LATERAL STABILITY
INVESTIGATION OF THE AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC HORIZONTAL- ATTITUDE VTOL AIRPLANE MODEL AT MACH NUMBERS OF 1.57, 2.14, 2.54, AND 2.87.
N67-31732 1A S05 18 HC$ 3.00 MF$ 0.65

LATERAL STABILITY AND CONTROL
SIDESLIP CHARACTERISTICS AT VARIOUS ANGLES OF ATTACK FOR SEVERAL HYPERSONIC MISSILE CONFIGURATIONS WITH CANARD CONTROLS AT A MACH NUMBER OF 2.01.
N67-31533 16D S05 18 HC$ 3.00 MF$ 0.65

LAUNCH VEHICLE
LAUNCH-VEHICLE DYNAMICS.
N67-32138 22D S05 18 HC$ 3.00 MF$ 0.65

LEAD ALLOYS, SUPERCONDUCTORS
ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING FCC LEAD-BASED ALLOYS.
AD-656 019 20L U67 19

LEAD COMPOUNDS, ABSORPTION
THE OPTICAL ABSORPTION EDGE IN THE LEAD SALTS AND ITS VARIATION WITH TEMPERATURE AND PRESSURE.
AD-656 591 20L U67 19 HC$ 3.00 MF$ 0.65

LEADERSHIP, ARMY TRAINING
PRELIMINARY ASSESSMENT OF THREE NCO LEADERSHIP PREPARATION TRAINING SYSTEMS.
AD-655 887 5I U67 19 HC$ 3.00 MF$ 0.65

LEADERSHIP, BARGAINING
LEADERSHIP IN NEGOTIATIONS AND THE COMPLEXITY OF CONCEPTUAL STRUCTURE.
AD-656 368 5J U67 19 HC$ 3.00 MF$ 0.65

LEADERSHIP, OFFICER PERSONNEL
LANREZAC, JOFFRE, AND PLAN XVII.
AD-656 547 5J U67 19

LEAD, MASS SPECTRUM
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF ND, SM, CD, AND PB.
AD-655 951 18B U67 19

LEAKAGE
LEAK DETECTION TECHNIQUE IMPROVEMENT STUDY FOR SPACE VEHICLES FINAL REPORT.
N67-32488 14B S05 18 HC$ 3.00 MF$ 0.65

LEARNING, INFORMATION THEORY
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LEARNING, MATHEMATICAL MODELS
CONCEPT UTILIZATION.
AD-656 656 5J U67 19

LEARNING, NERVE CELLS
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS.
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LEARNING, PERFORMANCE(HUMAN)
INDIVIDUAL DIFFERENCES AND THEORETICAL PROCESS VARIABLES GENERAL COMMENTS ON THE CONFERENCE.
AD-656 535 5J U67 19

LEARNING, WORD ASSOCIATION
STIMULUS RECOGNITION IN AURAL PAIRED-ASSOCIATE LEARNING.
AD-656 542 5J U67 19

LEAST SQUARES METHOD
CONVERGENCE ACCELERATION FOR LEAST SQUARES DIFFERENTIAL CORRECTIONS.
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LEPTONS, FIELD THEORY

DYNAMICAL THEORY OF BARYONS AND LEPTONS,
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THE USE OF RESONANT LIBRATING ORBITS IN SATELLITE GEODESY.
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CONTROLLING A LETHAL GROWTH PROCESS,
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LIFE SUPPORT, PERFORMANCE(ENGINEERING)
INTEGRATED LIFE SUPPORT SYSTEM STUDY (20-DAY EVALUATION PROGRAM).
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LIFETIME
DISTRIBUTIONS AND LIFETIMES OF N AND NO BETWEEN 100 AND 200 KM.
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FULL-SCALE WIND-TUNNEL INVESTIGATION OF A VTOL AIRCRAFT WITH A JET-EJECTOR SYSTEM FOR LIFT AUGMENTATION.
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LIGHT ABSORPTION
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ABLATIVE LIGHT SOURCES.
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LIGHTING EQUIPMENT, FALLOUT SHELTERS
SHELTER LIGHTING KIT.
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LIGHTNING ARRESTERS, ELECTRIC CABLES
LIGHTNING PROTECTION FOR UNDERGROUND CABLES.
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AN ISOPHOTOMETRICAL STUDY OF WIGGLES IN THE SOLAR IRON LINES.
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A THEORY OF MANUAL SPACE NAVIGATION.
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AN APPLICATION OF LINEAR PROGRAMMING TO MINIMUM FUEL OPTIMAL CONTROL.
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FLOWS IN ARBORESCENCES.
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LINEAR PROGRAMMING, ITERATIVE METHODS
SOLVING LINEAR PROGRAMS IN INTEGERS.
AD-656 682 12A U67 19

LINEAR PROGRAMMING, STOCHASTIC PROCESSES
L-SHAPED LINEAR PROGRAMS WITH APPLICATIONS TO OPTIMAL CONTROL AND STOCHASTIC PROGRAMMING.
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ON THE STABILITY OF SOME LINEAR NONAUTONOMOUS SYSTEMS.
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ESTIMATION USING SAMPLED-DATA CONTAINING SEQUENTIALLY CORRELATED NOISE.
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LINEAR SYSTEMS, OSCILLATION
FREE OSCILLATIONS OF LINEAR SYSTEMS WITH VARIABLE PARAMETERS,
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TIME DOMAIN ANALYSIS OF IMPULSE RESPONSE TRAINS.
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AIR LIQUEFACTION BOUNDARIES EXPERIMENTALLY DETERMINED FOR THE BALLISTIC RESEARCH LABORATORIES' SUPERSONIC AND HYPERSONIC WIND TUNNELS,
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AN EQUATION OF STATE FOR FLUID PARAHYDROGEN FROM THE TRIPLE-POINT TO 100K AT PRESSURES TO 350 ATMOSPHERES,
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PULSED MAGNETIC RESONANCE STUDIES AT LOW TEMPERATURES.
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LIQUEFIED GASES, PHASE STUDIES
LIQUID-VAPOR EQUILIBRIUM IN THE SYSTEM HELIUM-METHANE,
PB-175 624 7A U67 19 HC$ 3.00 MF$ 0.65

LIQUEFIED GASES, TRANSPORT PROPERTIES
EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II,
AD-655 948 20M U67 19

DRIFT VELOCITY AND ENERGY OF ELECTRONS IN LIQUID ARGON,
AD-655 955 20C U67 19

LIQUID HELIUM
ADVANCED SUPERCONDUCTING MAGNETS INVESTIGATION QUARTERLY PROGRESS REPORT, 10 FEB. - 10 MAY 1967.
N67-31518 20M S05 18 HC$ 3.00 MF$ 0.65

LIQUID HYDROGEN
DESIGN AND EXPERIMENTAL PERFORMANCE OF A SMALL CENTRIFUGAL PUMP FOR LIQUID HYDROGEN.
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LIQUID METALS, NUCLEAR REACTIONS
PREPARATION OF URANIUM MONOCARBIDE BY REACTION IN A LIQUID-METAL MEDIUM,
ANL-7301 18J N21 15 HC$ 3.00 MF$ 0.65

LIQUID OXYGEN (LOX)
EXPERIMENTAL INVESTIGATION OF BASE HEATING AND ROCKET HINGE MOMENTS FOR A SIMULATED MISSILE THROUGH A MACH NUMBER RANGE OF 0.8 TO 2.0.
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LIQUID SODIUM
EXPERIMENTS WITH HYDRODYNAMIC JOURNAL BEARINGS OF VARIOUS MATERIALS AND DESIGNS IN SODIUM AT TEMPERATURES TO 800 DEG F.
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APPLICATIONS AND OPTIMIZATION OF THE LITHIUMDRIFTED GERMANIUM DETECTOR SYSTEM,
UCRL-50156 18D N21 15 HC$ 3.00 MF$ 0.65

LITHOSPHERE, MODELS(SIMULATIONS)
CRUSTAL STUDIES CONTINUATION OF BASIC RESEARCH IN CRUSTAL STUDIES.
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LITTLE JOE II LAUNCH VEHICLE
PERFORMANCE CHARACTERISTICS OF THE LITTLE JOE LAUNCH VEHICLE.
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LATERAL DISTRIBUTION OF DYNAMIC LOADS IN A PRESTRESSED CONCRETE BOX-BEAM BRIDGE DREHERSVILLE BRIDGE,
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LOADING(MECHANICS), BRIDGES
LATERAL DISTRIBUTION OF DYNAMIC LOADS IN A PRESTRESSED CONCRETE BOX-BEAM BRIDGE DREHERSVILLE BRIDGE,
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LOADING(MECHANICS), CANTILEVER BEAMS
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AD-656 659 20K U67 19

LOADING(MECHANICS), HANDLING
WEIGHING HEAVY LOADS TO AN ACCURACY OF 0.001 PERCENT,
RFP-839 14B N21 15 HC$ 3.00 MF$ 0.65

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STATISTICAL PRESENTATION OF NAVAL AIRCRAFT COUNTING ACCELEROMETER DATA FROM 1 JAN 1962 TO 1 OCT 1966,
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LOGISTICS, ARMY
THE LOGISTICS PRIMER.
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LOGISTICS, MAINTENANCE EQUIPMENT
REPAIR VERSUS REPLACEMENT, A STUDY OF EQUIPMENT MAINTENANCE.
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LOGISTICS, TRANSPORTATION
TRANSIENT FLOWS IN NETWORKS.
AD-656 681 15E U67 19 HC$ 3.00 MF$ 0.65

LONGITUDINAL STABILITY
INVESTIGATION OF THE AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC HORIZONTAL- ATTITUDE VTOL AIRPLANE MODEL AT MACH NUMBERS OF 1.57, 2.14, 2.54, AND 2.87.
N67-31732 1A S05 18 HC$ 3.00 MF$ 0.65

LONGITUDINAL STABILITY AND CONTROL
SIDESLIP CHARACTERISTICS AT VARIOUS ANGLES OF ATTACK FOR SEVERAL HYPERSONIC MISSILE CONFIGURATIONS WITH CANARD CONTROLS AT A MACH NUMBER OF 2.01.
N67-31533 16D S05 18 HC$ 3.00 MF$ 0.65

LOOP ANTENNAS, ELECTROMAGNETIC WAVES
RADIATION CHARACTERISTICS OF LOOP ANTENNAS EXCITED BY TRANSIENTS.
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LOW ASPECT RATIO WING
AERODYNAMIC CHARACTERISTICS OF A THREE-ENGINE SUPERSONIC

TRANSPORT MODEL HAVING A LOW- ASPECT-RATIO VARIABLE-SWEEP WARPED WING.
N67-32144 1C S05 18 HC$ 3.00 MF$ 0.65

LOW-PRESSURE RESEARCH, BIBLIOGRAPHIES
BIBLIOGRAPHY AND INDEX ON VACUUM AND LOW PRESSURE MEASUREMENT, JANUARY 1960 TO DECEMBER 1965.
NBS-MONO-35-SUPPL-1 14B U67 19 HC$ 0.65 MF$ 0.65

LUMINESCENCE
ULTRAWEAK LUMINESCENCE ACCOMPANYING BIOCHEMICAL REACTIONS.
N67-31815 6A S05 18 HC$ 3.00 MF$ 0.65

LUMINESCENCE, DOSIMETERS
LUMINESCENCE DOSIMETRY.
CONF-650837 6H N21 15 HC$ 3.00 MF$ 0.65

LUNAR FLIGHT
LAUNCH-VEHICLE DYNAMICS.
N67-32138 22D S05 18 HC$ 3.00 MF$ 0.65

LUNAR GEOLOGY
ASTROGEOLOGIC STUDIES. PART A - LUNAR AND PLANETARY INVESTIGATIONS ANNUAL PROGRESS REPORT, 1 JUL. 1965 - 1 JUL. 1966.
N67-31934 3A S05 18 HC$ 3.00 MF$ 0.65

LUNAR MAGNETIC FIELD
EARLY RESULTS FROM THE MAGNETIC FIELD EXPERIMENT ON LUNAR EXPLORER 35.
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LUNAR ORBITER
LUNAR ORBITER I - PHOTOGRAPHY.
N67-32334 22B S05 18 HC$ 3.00 MF$ 0.65

LUNAR PROGRAM
SPACE PROGRAMS SUMMARY NO. 37-45, VOLUME VI FOR THE PERIOD MARCH 1, 1967 TO APRIL 30, 1967. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
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LUNAR SURFACE
INVESTIGATION OF REFLECTIONS BY THE MOON'S SURFACE OF METER RADIOWAVES.
N67-31836 20N S05 18 HC$ 3.00 MF$ 0.65

SURVEYOR III A PRELIMINARY REPORT.
N67-32582 22B S05 18 HC$ 3.00 MF$ 0.65

LUNAR SURFACE VEHICLE
PRELIMINARY DESIGN STUDY OF A LUNAR GRAVITY SIMULATOR INTERIM REPORT.
N67-31857 14B S05 18 HC$ 3.00 MF$ 0.65

MACHINE TOOL
EFFECT AND CONTROL OF CHATTER VIBRATION IN MACHINE TOOL PROCESSES QUARTERLY TECHNICAL REPORT, 1 AUG. - 31 OCT. 1966.
N67-31548 13I S05 18 HC$ 3.00 MF$ 0.65

MACHINES, CONSTRUCTION
THE RESULTS OF ULTRASONIC TESTING IN THE PRACTICE OF MACHINE AND BOILER CONSTRUCTION CONCERNING THE MATERIAL AND STRENGTH PROPERTIES OF COMPONENTS.
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MACHINES, CONTROL SYSTEMS
AUTOMATIC TOOL SETTING FOR NUMERICALLY CONTROLLED MACHINES.
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MACHINES, EXTRUSION
HOW TO PREDICT EXTRUDER PERFORMANCE.
AD-656 510 13I U67 19

MACHINES, MEASUREMENT
AN AUTOMATIC THREE-DIMENSIONAL MODELS MEASURING MACHINE IN R.A.E. WORKSHOPS.
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MACHINING, TABLES
MACHINING DATA FOR NUMERICAL CONTROL TURNING.
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MACHINING DATA FOR BERYLLIUM METAL.
AD-485 297 13H U67 19 HC$ 3.00 MF$ 0.65

MACHINING DATA FOR NUMERICAL CONTROL FACE MILLING.
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MACHINING DATA FOR NUMERICAL CONTROL DRILLING.
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MACHINING DATA FOR NUMERICAL CONTROL PERIPHERAL END MILLING.
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MACHINING DATA FOR NUMERICAL CONTROL END MILL SLOTTING.
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MACHINING DATA FOR NUMERICAL CONTROL TAPPING.
AD-803 041 13H U67 19 HC$ 3.00 MF$ 0.65

MACHINING DATA FOR NUMERICAL CONTROL REAMING.
AD-803 042 13H U67 19 HC$ 3.00 MF$ 0.65

MACHINING DATA FOR NUMERICAL CONTROL.
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MAGNESIUM ALLOYS, FATIGUE(MECHANICS)
A COMPARISON OF THE FATIGUE BEHAVIOUR OF TWO ALUMINUM-ZINC-MAGNESIUM ALLOYS.
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MAGNESIUM OXIDES, ELECTRIC INSULATION
MINERAL INSULATED WIRING.
AD-656 327 9A U67 19 HC$ 3.00 MF$ 0.65

MAGNETIC ALLOYS, TRANSPORT PROPERTIES
REMARKS ON THE RECENT LETTER 'OBSERVATION OF NAGAOKA'S BOUND STATE FOR CONDUCTION ELECTRONS IN DILUTE MAGNETIC ALLOYS'.
AD-656 016 11F U67 19

MAGNETIC COMPASS
ERRORS AND LIMITATIONS OF THE MAGNETIC COMPASS.
N67-32367 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC FIELD
THE EFFECT OF ELECTROMAGNETIC AND MAGNETIC FIELDS ON THE CENTRAL NERVOUS SYSTEM.
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MOTION OF MAGNETIC FLUX THROUGH SUPERCONDUCTING STRIPS.
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MAGNETIC FIELDS, AMMONIUM COMPOUNDS
CRYSTALLIZATION OF FE(NH4)26H2O ON A SEED IN MAGNETIC FIELDS UP TO 140 KOE.
AD-656 123 20L U67 19

MAGNETIC MATERIALS, BAND THEORY OF SOLIDS
SOLID-STATE AND MOLECULAR THEORY GROUP.
AD-655 966 20L U67 19 HC$ 3.00 MF$ 0.65

MAGNETIC MATERIALS, THERMAL PROPERTIES
HEAT CAPACITY OF MN(HCOO)2.2H2O BETWEEN 1.4 AND 20K.
AD-656 400 20L U67 19

MAGNETIC MATERIALS, TRANSIENTS
EFFECTS OF FINITE LATTICE HEAT CAPACITY ON SPIN LATTICE RELAXATION THEORY AND NUMERICAL ANALYSIS.
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MAGNETIC MEASUREMENT
MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1955-1966.
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MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1957 - 1958.
N67-32364 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1948-1950.
N67-32365 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC MEAN HOURLY VALUES FROM WATHEROO OBSERVATORY, WESTERN AUSTRALIA, 1951-1952.
N67-32366 8N S05 18 HC$ 3.00 MF$ 0.65

MAGNETIC SURVEY
ISOGONIC MAP OF AUSTRALIA AND NEW GUINEA FOR THE EPOCH, 1965.0.
N67-31976 8N S05 18 HC$ 3.00 MF$ 0.65

GIPPSLAND BASIN AIRBORNE MAGNETIC SURVEYS, VICTORIA, 1951-52 AND 1956.
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MAGNETOHYDRODYNAMICS, INTEGRAL EQUATIONS
SOLUTION OF A CLASS OF SINGULAR INTEGRAL EQUATIONS.
AD-656 026 12A U67 19

MAGNETOHYDRODYNAMICS, MATHEMATICAL ANALYSIS
ON ARC PUMPING AND THE MOTION OF ELECTRIC ARCS IN A TRANSVERSE MAGNETIC FIELD.
AD-656 208 20I U67 19

MAGNETOHYDRODYNAMICS, WAVEGUIDES
AXISYMMETRIC MODES IN HYDROMAGNETIC WAVEGUIDE.
AD-656 720 20I U67 19 HC$ 3.00 MF$ 0.65

MAGNETOMETRY
OBSERVATIONS OF THE INTERPLANETARY MAGNETIC FIELD JULY 4-12, 1966.
N67-31549 22A S05 18 HC$ 3.00 MF$ 0.65

MAGNETOSPHERE, SYMPOSIA
SATELLITE OBSERVATIONS OF PARTICLE FLUXES AND ATMOSPHERIC EMISSIONS.
AD-656 250 20H U67 19

MAGNETOSPHERE, VAN ALLEN RADIATION BELT
ON THE ENERGY FLUXES OF LOW-ENERGY PROTONS AND POSITIVE IONS IN THE EARTH'S INNER RADIATION ZONE.
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MAGNETOSPHERIC ELECTRON DENSITY
STUDY OF THE EARTH'S MAGNETIC FIELD WITH THE AID OF RADIATION BELTS.
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MAGNETO-OPTIC EFFECT, ZINC SULFIDES
EXCITON STRUCTURE AND MAGNETO-OPTICAL EFFECTS IN ZNS.
AD-656 023 20L U67 19

MAINTENANCE EQUIPMENT, LOGISTICS
REPAIR VERSUS REPLACEMENT, A STUDY OF EQUIPMENT MAINTENANCE.
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MAINTENANCE PERSONNEL, MAINTENANCE
REPAIR VERSUS REPLACEMENT, A STUDY OF EQUIPMENT MAINTENANCE.
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MAINTENANCE PERSONNEL, SELECTION
PRELIMINARY VALIDITY REPORT OF THE MOS EVALUATION TEST FOR FIELD RADIO REPAIRMAN, MOS CODE 31E40,
AD-655 848 5I U67 19 HC$ 3.00 MF$ 0.65

MAINTENANCE, MAINTENANCE PERSONNEL
REPAIR VERSUS REPLACEMENT, A STUDY OF EQUIPMENT MAINTENANCE.
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MAINTENANCE, NAVAL EQUIPMENT
ECONOMIC DECISION CRITERIA FOR REPAIR VERSUS THROWAWAY MAINTENANCE.
AD-655 102 15E U67 19 HC$ 3.00

MAINTENANCE, OPTIMIZATION
OPTIMAL MAINTENANCE POLICY AND SALE DATE OF A MACHINE.
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MAINTENANCE, RADAR
AN EXPERIMENT IN BASIC AIRBORNE ELECTRONICS TRAINING. PART II. EFFECT OF REDUCTION IN TRAINING TIME UPON KNOWLEDGE OF RADAR MAINTENANCE.
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MANAGEMENT CONTROL SYSTEMS, MACHINES
OPTIMAL MAINTENANCE POLICY AND SALE DATE OF A MACHINE.
AD-656 029 5A U67 19 HC$ 3.00 MF$ 0.65

MANAGEMENT ENGINEERING, DECISION MAKING
ESTIMATING FROM MISCLASSIFIED DATA,
AD-655 845 5A U67 19 HC$ 3.00 MF$ 0.65

MANAGEMENT PLANNING
THE MEASUREMENT AND IMPROVEMENT OF R+D MARKETING EFFECTIVENESS.
N67-31553 5A S05 18 HC$ 3.00 MF$ 0.65

EXPERIMENTS IN TECHNOLOGY UTILIZATION QUARTERLY REPORT, FEB. 1 - APR. 30, 1967.
N67-31726 5C S05 18 HC$ 3.00 MF$ 0.65

AN OPTIMIZATION PROCEDURE FOR NETWORK PLANNING SYSTEMS.
N67-32506 5A S05 18 HC$ 3.00 MF$ 0.65

MANAGEMENT PLANNING, INDUSTRIAL PRODUCTION
TECHNOLOGICAL PROJECTION AND ADVANCED PRODUCT PLANNING,
AD-656 695 5A U67 19 HC$ 3.00 MF$ 0.65

MANAGEMENT PLANNING, OPTIMIZATION
SHORTEST ROUTE METHODS FOR FINITE STATE SPACE, DETERMINISTIC DYNAMIC PROGRAMMING PROBLEMS.
AD-656 612 12B U67 19 HC$ 3.00 MF$ 0.65

MANAGEMENT PLANNING, STATE-OF-THE-ART REVIEWS
PERSONNEL IMPLICATIONS OF NEW TECHNOLOGICAL DEVELOPMENTS, MICROELECTRONICS AND AUTOMATION.
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MANGANESE COMPOUNDS, OPTICAL PROPERTIES
OPTICAL PROPERTIES OF ALPHA-MNS.
AD-656 000 20L U67 19

MANGANESE COMPOUNDS, SPECIFIC HEAT
HEAT CAPACITY OF MN(HCOO)2.2H2O BETWEEN 1.4 AND 20K.
AD-656 400 20L U67 19

MANNED SPACE FLIGHT
THE USE OF A VISUAL TESTING APPARATUS FOR SPACE APPLICATION FINAL REPORT.
N67-32271 5E S05 18 HC$ 3.00 MF$ 0.65

STUDY OF SLEEP CHARACTERISTICS UNDER CONDITIONS OF SIMULATED MANNED SPACE FLIGHT.
N67-32331 6S S05 18 HC$ 3.00 MF$ 0.65

MANNED SPACECRAFT
MODIFICATIONS TO INTERIM VISUAL SPACEFLIGHT SIMULATOR QUARTERLY REPORT, 12 JAN. - 12 APR. 1967.
N67-32368 14B S05 18 HC$ 3.00 MF$ 0.65

MANNED SPACECRAFT, SPACE FLIGHT
THE SPACE PROGRAMS OF THE SOVIET UNION,
AD-656 546 22B U67 19 HC$ 3.00 MF$ 0.65

MANPOWER STUDIES, NAVAL PERSONNEL
PERSONNEL COSTS FOR TEN SELECTED RATINGS (AC, AE, AQ, AT, AX, EI, FT, MM, XO, ST),
AD-482 119 5I U67 19 HC$ 3.00 MF$ 0.65

MANUFACTURING METHODS, ELECTRIC CABLES
LONGITUDINAL APPLICATION OF INSULATION AND SHIELD ON COMMUNICATION CABLES,
AD-656 168 17B U67 19 HC$ 3.00 MF$ 0.65

MAN-MACHINE SYSTEMS, HUMAN ENGINEERING
RECENT PSYCHOLOGICAL RESEARCH RELEVANT TO THE HUMAN FACTORS ENGINEERING OF MAN-MACHINE SYSTEMS,
AD-656 653 5H U67 19

HUMAN PERFORMANCE IN INFORMATION PROCESSING AND STORAGE.
AD-656 709 5J U67 19 HC$ 3.00 MF$ 0.65

MAN-MACHINE SYSTEMS, SYSTEMS ENGINEERING
HUMAN INFORMATION-PROCESSING CONCEPTS FOR SYSTEM ENGINEERS,
AD-656 933 5H U67 19

MAPPING
ASTROGEOLOGIC STUDIES. PART A - LUNAR AND PLANETARY INVESTIGATIONS ANNUAL PROGRESS REPORT, 1 JUL. 1965 - 1 JUL. 1966.
N67-31934 3A S05 18 HC$ 3.00 MF$ 0.65

MAPPING(TRANSFORMATIONS), EQUATIONS
A LOWER BOUND FOR THE DELTA-NIELSEN NUMBER,
AD-656 306 12A U67 19 HC$ 3.00 MF$ 0.65

MAPPING(TRANSFORMATIONS), GRAPHICS
CYCLES WITH MINIMUM AVERAGE LENGTH.
AD-656 471 12B U67 19 HC$ 3.00 MF$ 0.65

MAPPING(TRANSFORMATIONS), MATHEMATICS
AGGIORAZIONI INTERPOLATORIE NEGLI SPAZI (INTERPOLATIVE ESTIMATES IN CERTAIN SOBOLEV SPACES),
AD-656 007 12A U67 19

MARAGING STEEL
A STUDY OF HYDROGEN EMBRITTLEMENT OF VARIOUS ALLOYS ANNUAL SUMMARY REPORT, 24 JUN. 1966 - 23 JUN. 1967.
N67-32396 11F S05 18 HC$ 3.00 MF$ 0.65

MARINE BIOLOGY, RED SEA
ISRAEL SOUTH RED SEA EXPEDITION REPORTS, BULLETIN NO. 43, 1962.
AD-656 727 8A U67 19

ISRAEL SOUTH RED SEA EXPEDITION REPORTS, BULLETIN NO. 46, 1962.
AD-656 728 8A U67 19

MARINE BORERS, DISTRIBUTION
MARINE BORER AND FOULING STUDIES.
AD-656 090 8A U67 19 HC$ 3.00 MF$ 0.65

MARINE ENGINEERING, OCEANS
NCEL OCEAN ENGINEERING PROGRAM, MARCH 1966-MARCH 1967.
AD-656 453 13J U67 19 HC$ 3.00 MF$ 0.65

MARINE GEOPHYSICS, THESES
POTENTIAL APPLICATIONS OF MAGNETIC GRADIENTS TO MARINE GEOPHYSICS.
AD-655 892 8G U67 19 HC$ 3.00 MF$ 0.65

MARINE PROPULSION, CATAMARANS
OPERATION OF A SWIMMING CATAMARAN AND NATURE'S CHALLENGE,
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MARINER SPACE PROBE
FUNCTIONAL DESIGN OF THE MARINER MIDCOURSE MANEUVER OPERATIONS PROGRAM.
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VENUS - PRELIMINARY SCIENCE OBJECTIVES AND EXPERIMENTS FOR USE IN ADVANCED MISSION STUDIES.
N67-32377 22A S05 18 HC$ 3.00 MF$ 0.65

MARKER LIGHTS, RUNWAYS
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MONOCHROMATIC RADIATION
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AD-655 977 3A U67 19

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FACTORS INFLUENCING PATRONS TO STOP AT SELECTED TYPES OF MOTELS.
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MOUTH, DISEASES
FIBROUS GINGIVAL HYPERPLASIA OF A MUSTACHE GUENON MONKEY (CERCOPITHECUS CEPHUS).
AD-655 950 6C U67 19

MULTIVARIATE ANALYSIS, PSYCHOLOGY
THE MISSING DATA MATRIX.
AD-655 916 5J U67 19 HC$ 3.00 MF$ 0.65

CONFIGURAL ANALYSIS.
AD-655 921 5J U67 19 HC$ 3.00 MF$ 0.65

MURAMIDASE, RADIATION EFFECTS
RADIATION-PRODUCED AGGREGATION AND INACTIVATION IN EGG WHITE LYSOZYME.
AD-656 359 6A U67 19

MYCOPLASMA, ANTIGENS + ANTIBODIES
MYCOPLASMA PNEUMONIAE COMPLEMENT-FIXING ANTIBODY TITERS AT BIRTH.
AD-656 362 6E U67 19

NASA PROGRAM
PROCEEDINGS OF SECOND NASA MICROELECTRONICS SYMPOSIUM.
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BIOMEDICAL APPLICATIONS OF NASA SCIENCE AND TECHNOLOGY QUARTERLY PROGRESS REPORT, 15 DEC. 1966 - 14 MAR. 1967.
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NATIONAL DEFENSE, ORGANIZATIONS
COMMON FUNDING IN NATO.
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STATISTICAL PRESENTATION OF NAVAL AIRCRAFT COUNTING ACCELEROMETER DATA FROM 1 JAN 1962 TO 1 OCT 1966.
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ECONOMIC DECISION CRITERIA FOR REPAIR VERSUS THROWAWAY MAINTENANCE.
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NAVAL PERSONNEL, COSTS
OFFICER PERSONNEL COSTS NAVAL AVIATION CADET (NAVCAD).
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METHODS AND PROBLEMS OF COMPUTATION OF ENLISTED PERSONNEL COSTS.
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JOB EVALUATION A PRELIMINARY ANALYSIS OF ITS APPLICATION TO NAVY ENLISTED BILLETS.
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NAVAL PERSONNEL, MANPOWER STUDIES
PERSONNEL COSTS FOR TEN SELECTED RATINGS (AC, AE, AQ, AT, AX, ET, FT, MM, RD, ST).
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NAVAL PERSONNEL, NAVAL TRAINING
AN EXPERIMENT IN BASIC AIRBORNE ELECTRONICS TRAINING. PART II. EFFECT OF REDUCTION IN TRAINING TIME UPON KNOWLEDGE OF RADAR MAINTENANCE.
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COMPARISONS OF NAVAL DRAFTEES AND ENLISTEES.
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DEVELOPMENT OF A CONDITION OF MAINTENANCE RATING SCALE AND SAMPLING PROCEDURES FOR BUILDINGS OF THE NAVAL SHORE ESTABLISHMENT.
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ON-THE-JOB TRAINING COSTS AN ANALYSIS.
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AN EXPERIMENT IN BASIC AIRBORNE ELECTRONICS TRAINING. PART II. EFFECT OF REDUCTION IN TRAINING TIME UPON KNOWLEDGE OF RADAR MAINTENANCE.
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TRAINING AND SUPERVISION OF CONTROLLERMEN.
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ELECTRONIC POSITIONING SYSTEMS FOR SURVEYORS.
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LARGE-VOLUME AIR SAMPLING OF HUMAN RESPIRATORY DISEASE

PATHOGENS,
AD-655 940 6M U67 19

NEISSERIA MENINGITIDIS, BACTERIOPHAGES
ISOLATION OF BACTERIOPHAGES ACTIVE AGAINST NEISSERIA MENINGITIDIS,
AD-655 941 6M U67 19

NEODYMIUM, MASS SPECTRUM
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF ND, SM, CD, AND PB,
AD-655 951 18B U67 19

NEON, COOLANTS
USE OF NEON EXCHANGE GAS FOR PRECOOLING 3HE CRYOSTATS.
AD-655 991 14B U67 19

NEON, SOLIDIFIED GASES
INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON,
AD-656 009 20L U67 19

DISPERSION ENERGY AND ELECTRONIC CORRELATION IN MOLECULAR CRYSTALS. COHESIVE ENERGY OF SOLID NEON,
AD-656 037 20L U67 19

NERVE CELLS, LEARNING
BIOCHEMICAL STUDIES OF NEURONS AND GLIA DURING LEARNING AND DIFFERENT FUNCTIONAL CONDITIONS.
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NEUTRON CROSS SECTIONS, MEASUREMENT
TOTAL CROSS SECTIONS OF CALCIUM AND POTASSIUM FOR FAST NEUTRONS.
AD-656 644 20H U67 19

NEUTRON CROSS SECTIONS, NUCLEAR REACTIONS
PEGRAM NUCLEAR PHYSICS LABORATORIES PROGRESS REPORT, JANUARY 1966-JANUARY 1967.
NYO-GEN-132 18B N21 15 HC$ 3.00 MF$ 0.65

NEUTRON FLUX
CALCULATION OF FAST-NEUTRON FLUX EMERGING FROM A REACTOR BEAMHOLE AND COMPARISON WITH EXPERIMENT.
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NEUTRON SCATTERING, DIFFERENTIAL CROSS SECTION
ELASTIC SCATTERING OF NEUTRONS FROM O AND AR AT 14.0 MEV.
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NEUTRON TRANSPORT THEORY, PROGRAMMING LANGUAGES
DIF-BURN A MULTIGROUP TRANSPORT THEORY BURNUP PROGRAM WRITTEN IN FORTRAN-IV,
LA-3671 18K N21 15 HC$ 3.00 MF$ 0.65

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A CALCULATION OF THE AGE AND FAST EFFECT FOR NONDENERGETIC NEUTRONS IN BE AND BEO,
UCRL-50229 20H N21 15 HC$ 3.00 MF$ 0.65

NEUTRONS, DOPING
FABRICATION OF SEMICONDUCTOR DEVICES BY NEUTRON TRANSMUTATION DOPING.
NYO-3124-2 18D N21 15 HC$ 3.00 MF$ 0.65

NEW ZEALAND
ISOGONIC MAP OF AUSTRALIA AND NEW GUINEA FOR THE EPOCH, 1965.0.
N67-31976 8N S05 18 HC$ 3.00 MF$ 0.65

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INJECTION OF A DRAG-REDUCING FLUID INTO TURBULENT PIPE FLOW OF A NEWTONIAN FLUID.
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NICKEL ALLOYS, FATIGUE(MECHANICS)
EFFECT OF MEAN DEFLECTION ON THE LOW-CYCLE FLEXURAL FATIGUE BEHAVIOR OF ANNEALED 70-30 CUPRO-NICKEL.
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NICKEL COMPOUNDS, COMPLEX COMPOUNDS
KINETICS AND MECHANISM OF ACID HYDROLYSIS OF ETHYLENE BISBIGUANIDENICKEL(II) IONS.
AD-656 018 7D U67 19

NICKEL, EXCHANGE REACTIONS
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE,
AD-655 859 7D U67 19

NICKEL, FATIGUE(MECHANICS)
THERMAL FATIGUE DAMAGE UNDER A TWO-STRAIN-BLOCK HISTORY.
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NIMBUS- B SOLAR CONVERSION POWER SUPPLY SUBSYSTEM QUARTERLY TECHNICAL REPORT, DEC. 1966 - FEB. 1967.
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ANALYSIS OF THE ADVANCED NIMBUS POWER SYSTEMS.
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DISTRIBUTIONS AND LIFETIMES OF N AND NO BETWEEN 100 AND 200 KM.
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DISTRIBUTIONS AND LIFETIMES OF N AND NO BETWEEN 100 AND 200 KM.
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NITROGEN OXIDES, MOLECULAR ENERGY LEVELS
MOLECULAR LEVEL-CROSSING SPECTROSCOPY THE G VALUE FOR AN EXCITED STATE OF NITRIC OXIDE,
AD-656 669 7D U67 19

NITROGEN, CHEMICAL REACTIONS
REACTION OF N2(A(3)SIGMA-M(+1) WITH ATOMIC NITROGEN,
AD-656 667 7D U67 19

NITROGEN, GAS DISCHARGES
DISTRIBUTION OF ENERGY IN ELECTRICAL DISCHARGES.
AD-656 434 7D U67 19 HC$ 3.00 MF$ 0.65

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CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC MOLECULES.
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NOISE TOLERANCE
STUDY ON THE FEASIBILITY OF V/STOL CONCEPTS FOR SHORT HAUL TRANSPORT AIRCRAFT.
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NOISE(RADIO), MEASUREMENT
PATH INTERMODULATION DISTORTION MEASUREMENTS OF NOISE-POWER-RATIO OVER TROPOSPHERIC BEYOND-THE-HORIZON PATHS EMPLOYING AN FDM-FM SYSTEM,
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NOISE(RADIO), REPORTS
QUARTERLY RADIO NOISE DATA, MARCH, APRIL, MAY 1966,
PB-175 662 17B U67 19 HC$ 3.00 MF$ 0.65

NONLIFTING VEHICLE
WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 0.60 TO 1.20 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A MODEL OF A POSSIBLE NONLIFTING REENTRY CAPSULE IN COMBINATION WITH A ROCKET BOOSTER.
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APPLICATION OF QUASILINEARIZATION TO THE SOLUTION OF NON-LINEAR DIFFERENTIAL EQUATIONS.
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NONLINEAR DIFFERENTIAL EQUATIONS, PERIODIC VARIATIONS
A NOTE ON PERIODIC SOLUTIONS OF NONLINEAR DIFFERENTIAL EQUATIONS WITH TIME LAGS,
AD-656 643 12A U67 19

NONLINEAR SYSTEM
CONTINUATION OF THEORETICAL AND EXPERIMENTAL RESEARCH ON DIGITAL ADAPTIVE CONTROL SYSTEM, 16 SEPTEMBER 1966 - 16 FEBRUARY 1967.
N67-32096 9B S05 18 HC$ 3.00 MF$ 0.65

NORTH CAROLINA, BEACHES
TEMPORAL PRECISION IN BEACH PROFILING.
AD-656 145 8F U67 19

NORTHERN HEMISPHERE, CLIMATOLOGY
INTRODUCTION NORTHERN HEMISPHERE I.
AD-656 447 4B U67 19 HC$ 3.00 MF$ 0.65

NORTHERN HEMISPHERE, RADIOACTIVE FALLOUT
RADIOACTIVE FALLOUT IN NORTHERN REGIONS.
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NOSE CONES, AERODYNAMIC CHARACTERISTICS
A CRITICAL REVIEW OF DATA ON HEAT TRANSFER AND PRESSURE DISTRIBUTION ON NOSE CONES IN THE HIGH UNIT REYNOLDS NUMBER REGIME,
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NOTCHED METAL
EFFECT OF INITIAL LOADS AND OF MODERATELY ELEVATED TEMPERATURE ON THE ROOM-TEMPERATURE FATIGUE LIFE OF TI-8 AL-1 MO-1 V TITANIUM- ALLOY SHEET.
N67-31539 20K S05 18 HC$ 3.00 MF$ 0.65

NOZZLE EFFICIENCY
EXPERIMENTAL INVESTIGATION OF THE PARTIAL- ADMISSION PERFORMANCE CHARACTERISTICS OF A SINGLE-STAGE MACH 2 SUPERSONIC TURBINE.
N67-32157 21E S05 18 HC$ 3.00 MF$ 0.65

NUCLEAR CROSS SECTIONS, ATOMIC PROPERTIES
FINAL SCIENTIFIC REPORT ON AF-AFOSR-159-64, OCTOBER 1, 1964-SEPTEMBER 30, 1966,
AD-655 927 20H U67 19 HC$ 3.00 MF$ 0.65

NUCLEAR ENERGY LEVELS, BOSONS
CHARGED BOSON GAS AT HIGH DENSITY,
AD-656 660 20H U67 19

NUCLEAR ENERGY LEVELS, HELIUM
THE SCATTERING OF HE3 BY HE4 AND OF HE4 BY TRITIUM,
AD-656 034 20H U67 19

NUCLEAR ENERGY, NUCLEAR REACTIONS
THE 233 U FISSION AND CAPTURE CROSS SECTIONS AND THEIR ANALYSIS AT LOW ENERGIES,
LA-3676 20H N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR ENGINEERING, DECISION MAKING
REPORT OF AD HOC PANEL ON SCYLLAC.
TID-23705 18A N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR ENGINEERING, MATHEMATICS
BROOKHAVEN NATIONAL LABORATORY ANNUAL REPORT JULY 1, 1966.
BNL-994(AS-20) 18I U67 19 HC$ 3.00 MF$ 0.65

NUCLEAR ENGINEERING, NUCLEAR POWER PLANTS
PROGRESS REPORT FOR SNAP GENERAL SUPPORTING TECHNOLOGY, NOVEMBER 1966-JANUARY 1967,
NAA-SR-12316 18F N21 15 HC$ 3.00 MF$ 0.65

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THE 1107 MANUAL FOR PHYSICS CHAIN, A REACTOR ANALYSIS CODE,
BNWL-413 18I N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR ENGINEERING, REACTOR SYSTEM COMPONENTS
EQUILIBRIUM TIME FOR A SQUARE PLANT VARIABLE RESERVOIR INITIAL CONCENTRATIONS,
K-1330 18I N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR EXPLOSIONS, CRATERING
GEOLOGIC AND ENGINEERING PROPERTIES INVESTIGATIONS.
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DOSE-ESTIMATION STUDIES RELATED TO PROPOSED CONSTRUCTION OF AN ATLANTIC-PACIFIC INTEROCEANTIC CANAL WITH NUCLEAR EXPLOSIVES PHASE I,
ORNL-4101 6R N21 15 HC$ 3.00 MF$ 0.65

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AN AEROSPACE NUCLEAR SAFETY ANALYSIS OF A PM2 03 RADIOISOJET THRUSTER.
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SEARCH FOR THE GAMMA -2 GAMMA PROCESS IN NUCLEAR ELECTROSTATIC FIELDS.
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NUCLEAR MAGNETIC RESONANCE, COMPLEX COMPOUNDS
ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE,
AD-655 859 7D U67 19

NUCLEAR MAGNETIC RESONANCE, HELIUM GROUP GASES
PULSED MAGNETIC RESONANCE STUDIES AT LOW TEMPERATURES.
AD-656 498 7D U67 19 HC$ 3.00 MF$ 0.65

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RADIOISOTOPE SOURCE SAFETY TESTING,
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THE LIVERMORE L EQUALS 2 STELLARATOR,
MATT-530 18A N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR PHYSICS LABORATORIES, REPORTS
PEGRAM NUCLEAR PHYSICS LABORATORIES PROGRESS REPORT, JANUARY 1966-JANUARY 1967.
NYU-GLN-132 18B N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR PHYSICS LABORATORIES, UNIVERSITIES
EARLY HISTORY OF ASSOCIATED UNIVERSITIES AND BROOKHAVEN NATIONAL LABORATORY,
BNL-992 5A N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR PHYSICS, BUDGETS
BRIEF DESCRIPTION OF RESEARCH PUBLISHED OR ACCEPTED FOR PUBLICATION DURING 1966, .
UR-49-748 18D N21 15 HC$ 3.00 MF$ 0.65

NUCLEAR PHYSICS, CHEMISTRY
BROOKHAVEN NATIONAL LABORATORY ANNUAL REPORT JULY 1, 1966.
BNL-994(AS-20) 18I U67 19 HC$ 3.00 MF$ 0.65

NUCLEAR POWER CONVERSION
DESIGN AND PERFORMANCE OF A NUCLEAR REACTOR SIMULATOR FOR NONNUCLEAR TESTING OF SPACE POWER SYSTEMS.
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NUCLEAR POWER PLANTS, NUCLEAR ENGINEERING
PROGRESS REPORT FOR SNAP GENERAL SUPPORTING TECHNOLOGY, NOVEMBER 1966-JANUARY 1967,
NAA-SR-12316 18F N21 15 HC$ 3.00 MF$ 0.65

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THE 1107 MANUAL FOR PHYSICS CHAIN, A REACTOR ANALYSIS CODE,
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NUCLEAR POWER PLANTS, REACTOR OPERATION
THE LIVERMORE POOL TYPE REACTOR (LPTR),
UCRL-4919 REV. II 18I N21 15 HC$ 3.00 MF$ 0.65

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INVESTIGATION OF SPONTANEOUS FLUCTUATIONS IN THE APPLICATION OF SEMICONDUCTOR DIODES AS DETECTORS OF NUCLEAR RADIATION.
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NUCLEAR RADIATION SPECTROMETERS, RADIOACTIVE ISOTOPES
GAMMA-RAY SPECTROMETRY OF NEUTRON-DEFICIENT ISOTOPES.
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NUCLEAR RADIATION SPECTROMETERS, SEMICONDUCTOR DEVICES
OXYGEN-FREE ALUMINUM DOPED GERMANIUM FOR LITHIUM DRIFTING,
AD-656 671 18D U67 19

NUCLEAR RADIATION, RADIATION DAMAGE
NUCLEAR RADIATION, A NEW ENVIRONMENT,
AD-656 278 18H U67 19 HC$ 3.00 MF$ 0.65

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THE 233 U FISSION AND CAPTURE CROSS SECTIONS AND THEIR ANALYSIS AT LOW ENERGIES,
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NUCLEAR REACTIONS, STARS
ASTROPHYSICAL PROBLEMS,
AD-656 150 3B U67 19

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THE 1107 MANUAL FOR PHYSICS CHAIN, A REACTOR ANALYSIS CODE,
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NUCLEAR REACTORS, SAFETY
RADIOISOTOPE SOURCE SAFETY TESTING,
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THE RESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS,
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U(6,6) AND SUPERCONVERGENT SUM RULES FOR MESON-BARYON SCATTERING,
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NUCLEAR SCATTERING, REGGE POLES
REGGEIZATION OF INVARIANT AMPLITUDES,
AD-655 883 20H U67 19 HC$ 3.00 MF$ 0.65

O(4) SYMMETRY AND REGGE-POLE THEORY,
AD-656 024 20H U67 19

NUCLEAR SCATTERING, S-MATRIX
AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX THEORY,
AD-655 972 20H U67 19

NUCLEAR SPINS, WAVE FUNCTIONS
COVARIANT PROPAGATORS AND VERTEX FUNCTIONS FOR ANY SPIN,
AD-655 886 20H U67 19 HC$ 3.00 MF$ 0.65

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THEORIES OF SOCIAL CHANGE AND THE ANALYSIS OF NUCLEAR ATTACK AND RECOVERY,
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RADIATION SITUATION AND ACTION OF TROOPS,
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NUCLEATION, THEORY
MAYER'S THEORY OF CONDENSATION AND HOMOGENEOUS NUCLEATION,
AD-656 640 20M U67 19 HC$ 3.00 MF$ 0.65

NUCLEI, DEFORMATION
ODD QUEERNESSES IN THE DEFORMATION CHART,
AD-656 136 20H U67 19

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COLLECTED RESULTS ON NUMERICAL RESEARCH,
AD-656 704 12A U67 19 HC$ 3.00 MF$ 0.65

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THE ADMITTANCE OF THE INFINITE CYLINDRICAL ANTENNA IN A LOSSY, ISOTROPIC, COMPRESSIBLE PLASMA.
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N67-31520 4B S05 18 HC$ 3.00 MF$ 0.65

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ENERGY, NITROGEN, AND WATER REQUIREMENTS OF NORMAL ADULTS RESIDING AT 4300 METERS FOR 28 DAYS,
AD-656 462 6P U67 19 HC$ 3.00 MF$ 0.65

NUTRITION, MILITARY PERSONNEL
NUTRITION SURVEY FORT HUACHUCA, ARIZONA MARCH-APRIL 1966,
AD-656 463 6H U67 19 HC$ 3.00 MF$ 0.65

NYLON
THERMOPHYSICAL PROPERTIES OF A LOW-DENSITY PHENOLIC-NYLON ABLATION MATERIAL.
N67-31536 11D S05 18 HC$ 3.00 MF$ 0.65

NYLON COATINGS, ELECTRIC WIRE
TOUGHER WIRE JACKETS OF NYLON,
AD-656 117 9A U67 19 HC$ 3.00 MF$ 0.65

NYLON, PHYSICAL PROPERTIES
NYLON IN WIRE AND CABLE,
AD-656 522 11I U67 19 HC$ 3.00 MF$ 0.65

NYLON, PLASTIC COATINGS
WIRE JACKETS OF NYLON R = K (PQ) + (EC) TO THE X POWER,
AD-656 203 11C U67 19 HC$ 3.00 MF$ 0.65

NYLON 6 AS A WIRE JACKETING MATERIAL,
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N-BODY PROBLEM, ORBITAL TRAJECTORIES
ORBITS IN THE COPENHAGEN PROBLEM ASYMPTOTIC AT L4, AND THEIR GENEALOGY,

AD-655 963 22C U67 19

N-HETEROCYCLIC COMPOUNDS, PHOTOCHEMISTRY
THE PHOTOCHEMISTRY OF BORAZINE. PREPARATION OF B-MONOHYDROXYBORAZINE, DIBORAZINYL ETHER AND B-MONOAMINOBORAZINE,
AD-656 645 7E U67 19

OCEAN BOTTOM, EROSION
MICROTOPOGRAPHY OF THE BLAKE-BAHAMA REGION.
AD-656 719 8J U67 19 HC$ 3.00 MF$ 0.65

OCEAN WAVES, HYDRODYNAMICS
THE LIMITING HEIGHT OF OCEAN WAVES,
PB-175 655 13J U67 19 HC$ 3.00 MF$ 0.65

OCEANOLOGY, ATLANTIC OCEAN
TRACK CHARTS AND BATHYMETRY, USNS JOSIAH WILLARD GIBBS (T-AGOR 1) OPERATION 240, NORTH ATLANTIC OCEAN, 21 SEPTEMBER 1966-3 OCTOBER 1966.
AD-656 718 8J U67 19 HC$ 3.00 MF$ 0.65

OCEANOLOGY, REPORTS
BIBLIOGRAPHY OF REPORTS, 1962.
AD-416 398 8A U67 19 HC$ 3.00

OCEANOLOGY, THESES
MEASUREMENT AND INTERPRETATION OF MOTIONAL ELECTRIC FIELDS IN THE SEA.
AD-655 891 8J U67 19 HC$ 3.00 MF$ 0.65

OCEANS, MARINE ENGINEERING
NCEL OCEAN ENGINEERING PROGRAM, MARCH 1966-MARCH 1967.
AD-656 453 13J U67 19 HC$ 3.00 MF$ 0.65

OFFICER PERSONNEL, COSTS
OFFICER PERSONNEL COSTS NAVAL ACADEMY GRADUATE,
AD-483 342 5I U67 19 HC$ 3.00 MF$ 0.65

OFFICER PERSONNEL COSTS NROTC-REGULAR NROTC-CONTRACT,
AD-483 343 5I U67 19 HC$ 3.00 MF$ 0.65

OFFICER PERSONNEL, LEADERSHIP
LANREZAC, JOFFRE, AND PLAN XVII,
AD-656 547 5J U67 19

OILS, IGNITION
OIL CONTAMINATION IN OXYGEN SYSTEMS.
AD-656 126 13L U67 19 HC$ 3.00 MF$ 0.65

OPERATIONS RESEARCH, ALGORITHMS
A PRIMAL-DUAL MULTI-COMMODITY FLOW ALGORITHM.
AD-656 606 12B U67 19 HC$ 3.00 MF$ 0.65

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SHORTEST ROUTE METHODS FOR FINITE STATE SPACE, DETERMINISTIC DYNAMIC PROGRAMMING PROBLEMS.
AD-656 612 12B U67 19 HC$ 3.00 MF$ 0.65

OPERATIONS RESEARCH, LINEAR SYSTEMS
LINEAR DISCRETE OPTIMAL SYSTEMS WITH SIDE CONSTRAINTS,
AD-656 022 5A U67 19

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AD-655 971 20L U67 19

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PHOTOSYNTHESIS, GRASSES
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REVIEW AND EVALUATION OF PAST SOLAR CELL DEVELOPMENT EFFORTS.
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PHTHALATES, PLASTICIZERS
DITRIDECYL PHTHALATE (DTDP) IN HIGH TEMPERATURE VINYL INSULATION,
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PHYSICAL CHEMISTRY, CALORIMETRY
CHEMICAL ENGINEERING DIVISION SEMIANNUAL REPORT, JANUARY-JUNE 1966.
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PHYSICAL PROPERTIES, POWDER METALS
STRENGTH OF SINTERED FERROUS PARTS WITH INTERCONNECTED POROSITY.
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PHYSICS LABORATORIES, DESIGN
A COSMIC RAY PROGRAM FOR THE STUDY OF STRONG INTERACTION PHYSICS IN THE RANGE OF 100-1000 GEV,
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PHYSICS LABORATORIES, UNDERWATER SOUND
TRANSDUCER CALIBRATION FACILITY AT SAN VICENTE LAKE,
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CERTAIN ASPECTS CONCERNING OXYGEN METABOLISM OF THE BODY EXPOSED TO PROLONGED ACCELERATIONS.
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PHYSIOLOGY
STUDY OF SLEEP CHARACTERISTICS UNDER CONDITIONS OF SIMULATED MANNED SPACE FLIGHT.
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PHYSIOLOGY, UNDERWATER
THE EFFECTS OF POSTURE, BREATHING PRESSURE, AND IMMERSION IN WATER ON LUNG VOLUMES AND INTRAPULMONARY PRESSURES.
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THE TREATMENT OF SCOPOLAMINE-INDUCED DELIRIUM WITH PHYSOSTIGMINE.
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PIEZOELECTRIC CRYSTALS, COMPUTER STORAGE DEVICES
CERAMIC MEMORY DEVICE,
AD-656 598 9B U67 19 HC$ 3.00 MF$ 0.65

PIGEONS, RETINA
A MODEL OF THE AVIAN RETINA.
AD-655 907 6D U67 19 HC$ 3.00 MF$ 0.65

PILOT PLANTS, DESIGN
ORMEF A FORTRAN CODE FOR COMPUTING DETAIL MULTI-EFFECT MULTI STAGE FLASH EVAPORATION DESALINATION PLANT DESIGNS,
ORNL-TM-1560 7A N21 15 HC$ 3.00 MF$ 0.65

PILOTS, ERRORS
AIRCRAFT DESIGN-INDUCED PILOT ERROR.
PB-175 629 1B U67 19 HC$ 3.00 MF$ 0.65

PIONEER VI SPACE PROBE
OBSERVATIONS OF THE INTERPLANETARY MAGNETIC FIELD JULY 4-12, 1966.
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PIONS, NUCLEAR SCATTERING
LIMITATIONS OF PION POLE DOMINANCE,
AD-655 877 20H U67 19 HC$ 3.00 MF$ 0.65

THE RESONANCE APPROXIMATION IN SUPERCONVERGENCE RELATIONS,
AD-655 882 20I U67 19 HC$ 3.00 MF$ 0.65

PIPE FITTINGS, PACKAGING
PACKAGING PRACTICE RECOMMENDATION. PACKAGING OF STANDARD MALLEABLE IRON SCREWED PIPE FITTINGS, BLACK OR GALVANIZED (FOR 2-INCH PIPE SIZE AND UNDER),
SPR-246-52 13H U67 19 HC$ 3.00

PIPEFLOW
INJECTION OF A DRAG-REDUCING FLUID INTO TURBULENT PIPE FLOW OF A NEWTONIAN FLUID.
N67-31795 20D S05 18 HC$ 3.00 MF$ 0.65

PIPES, ARC WELDING
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PIPES, STABILITY
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AD-656 752 20D U67 19 HC$ 3.00 MF$ 0.65

PITUITARY HORMONES, BIOLOGICAL ASSAY
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AD-655 973 6P U67 19

PIVOTED WING
EFFECT OF WING PIVOT LOCATION ON LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A VARIABLE SWEEP WING HAVING AN M PLANFORM.
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WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 1.60 TO 2.86 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC TRANSPORT CONFIGURATION WITH VARIABLE-SWEEP WINGS EMPLOYING A DOUBLE INBOARD PIVOT.
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PLANETARY ATMOSPHERES, VENUS(PLANET)
THE TWILIGHT ATMOSPHERE OF VENUS,
AD-656 307 3B U67 19 HC$ 3.00 MF$ 0.65

PLANETARY ENVIRONMENT
ASTROGEOLOGIC STUDIES. PART A - LUNAR AND PLANETARY INVESTIGATIONS ANNUAL PROGRESS REPORT, 1 JUL. 1965 - 1 JUL. 1966.
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SOMETHING NEW ABOUT VENUS.
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PLANETARY-INTERPLANETARY PROGRAM
SPACE PROGRAMS SUMMARY NO. 37-45, VOLUME VI FOR THE PERIOD MARCH 1, 1967 TO APRIL 30, 1967. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
N67-32257 22A S05 18 HC$ 3.00 MF$ 0.65

PLANTS(BOTANY), METABOLISM
THE BIOSYNTHESIS OF THE OXYGENATED MONOTERPENES IN MINT,
AD-655 872 6A U67 19

PLASMA
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N67-31519 9C S05 18 HC$ 3.00 MF$ 0.65

PLASMA GENERATORS, SHOCK TUBES
IONIZING SHOCK STUDIES IN AN ELECTROMAGNETICALLY DRIVEN SHOCK TUBE,
AD-656 716 20I U67 19

PLASMA MEDIUM, ATOMIC ENERGY LEVELS
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AD-656 354 20I U67 19

PLASMA MEDIUM, CYCLOTRON RESONANCE PHENOMENA
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AD-656 555 20I U67 19

PLASMA MEDIUM, ELECTRON BEAMS
WAVE INTERACTION IN NONRELATIVISTIC ELECTRON BEAM-PLASMA SYSTEMS,
AD-656 346 20I U67 19 HC$ 3.00 MF$ 0.65

PLASMA MEDIUM, NUCLEAR PHYSICS LABORATORIES
THE LIVERMORE L EQUALS 2 STELLARATOR,
MATT-530 18A N21 15 HC$ 3.00 MF$ 0.65

PLASMA MEDIUM, THERMODYNAMICS
DETERMINATION OF DEPARTURES FROM LOCAL THERMODYNAMIC EQUILIBRIUM IN ARC PLASMAS.
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PLASMA MEDIUM, THERMONUCLEAR REACTIONS
CHERENKOV TRAPPING OF CURRENT LOOPS IN A PLASMA,
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PLASMA OSCILLATION
A THEORETICAL STUDY OF ANTENNAS IN MOVING IONIZED MEDIA. PART II - THE COMPLEX DOPPLER EFFECT FINAL REPORT, MAY 1966 - JUN. 1967.
N67-31835 20N S05 18 HC$ 3.00 MF$ 0.65

PLASMA OSCILLATIONS, CARBON DIOXIDE
WAVES OF IONIZATION IN A CO2 DISCHARGE,
AD-656 159 20I U67 19

PLASMA PHYSICS, BIBLIOGRAPHIES
BIBLIOGRAPHY ON WAVES IN PLASMAS,
PB-175 657 20N U67 19 HC$ 3.00 MF$ 0.65

PLASMA PHYSICS, SCIENTIFIC RESEARCH
FOUNDATIONAL RESEARCH PROJECTS, JANUARY-MARCH 1967.
AD-655 889 20L U67 19 HC$ 3.00 MF$ 0.65

PLASMA PHYSICS, THERMONUCLEAR REACTIONS
ORNL TARGET PLASMA PROGRAM,
ORNL-4080 18A N21 15 HC$ 3.00 MF$ 0.65

REPORT OF AD HOC PANEL ON SCYLLAC.
TID-23705 18A N21 15 HC$ 3.00 MF$ 0.65

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PLASMA TRANSPORT AND STABILITY IN A 'MINIMUM-B' MAGNETIC FIELD.
AD-656 341 20I U67 19 HC$ 3.00 MF$ 0.65

PLASMA SHEATH
THE SCATTERING OF ELECTROMAGNETIC WAVES FROM A PLASMA-IMMERSED CYLINDER SCIENTIFIC REPORT.
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PLASMA SHEATH, ANTENNA RADIATION PATTERNS
ANALYTICAL AND EXPERIMENTAL STUDIES OF MICROWAVE INTERACTION WITH A HYPERSONIC AIR PLASMA,
AD-656 358 20I U67 19 HC$ 3.00 MF$ 0.65

PLASMA SHEATH, REENTRY VEHICLES
ELECTRON ATTACHING ADDITIVES FOR THE MODIFICATION OF RE-ENTRY PLASMAS,
AD-656 494 22B U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, AGING(MATERIALS)
THE NATURAL AND ARTIFICIAL AGING OF WIRE JACKETS,
AD-656 262 11C U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, COLORS
HIGH SPEED COLOR CODING OF PVC INSULATED WIRE,
AD-656 524 9A U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, DIES
THE DESIGN OF DIES FOR HIGH-SPEED WIRE COATING,
AD-656 238 13I U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, ELECTRIC CABLES
POLYPROPYLENE CABLE WRAPS,
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CHEMICALLY CROSS-LINKED POLYETHYLENE. A GENERAL-PURPOSE COMPOUND,
AD-656 163 11I U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, ELECTRIC INSULATION
USE AND ABUSE OF PLASTIC INSULATION AND JACKETS,
AD-656 231 9A U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, ELECTRIC WIRE
INTERMEDIATE AND LOW DENSITY LOW-PRESSURE POLYETHYLENES THEIR PROPERTIES AND APPLICATIONS IN THE WIRE AND CABLE INDUSTRY,
AD-656 108 11I U67 19 HC$ 3.00 MF$ 0.65

WIRE JACKETS OF NYLON R = K (PQ) + (EC) TO THE X POWER,
AD-656 203 11C U67 19 HC$ 3.00 MF$ 0.65

THE EFFECTS OF CONDUCTOR TEMPERATURE ON THE QUALITY OF EXTRUDED VINYL WIRE INSULATION,
AD-656 266 13H U67 19 HC$ 3.00 MF$ 0.65

STATUS OF POLYMONOTRIFLUOROCHLOROETHYLENE INSULATED WIRE,
AD-656 319 9A U67 19 HC$ 3.00 MF$ 0.65

THE EFFECT OF STOCK TEMPERATURE ON THE PHYSICAL PROPERTIES OF POLYTHENE COATINGS FOR WIRE,
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PLASTIC COATINGS, EXTRUSION
SIMULTANEOUS EXTRUSION OF POLYETHYLENE AND POLYVINYL CHLORIDE COATINGS ON ELECTRICAL CONDUCTORS,
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PLASTIC COATINGS, FLUIDIZED BED PROCESSES
APPLICATION OF PVC WIRE INSULATION BY FLUIDIZED BED METHODS,
AD-656 060 13H U67 19 HC$ 3.00 MF$ 0.65

PLASTIC COATINGS, POLYETHYLENE PLASTICS
DIFFUSION OF GASES THROUGH POLYETHYLENE CABLE JACKETS,
AD-656 076 11C U67 19 HC$ 3.00 MF$ 0.65

ETHYLENE COPOLYMERS FOR WIRE COATING,
AD-656 235 11I U67 19 HC$ 3.00 MF$ 0.65

NEW DEVELOPMENTS IN HI-FAX COVERINGS FOR WIRE AND CABLE,
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PLASTIC COATINGS, TELEPHONE LINES
THERMOPLASTIC INSULATED AND SHEATHED TELEPHONE CABLE FOR RURAL ELECTRIFICATION ADMINISTRATION TELEPHONE BORROWERS' SYSTEMS,
AD-656 320 17B U67 19 HC$ 3.00 MF$ 0.65

A USER'S VIEW OF PLASTIC INSULATED CONDUCTORS IN OUTSIDE TELEPHONE PLANT,
AD-656 372 17B U67 19 HC$ 3.00 MF$ 0.65

PLASTICIZERS, POLYVINYL CHLORIDE
A NEW APPROACH TO COMPOUNDING FOR HIGH TEMPERATURE VINYL WIRE INSULATION,
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PROPERTIES OF PLASTICIZERS AND THEIR RELATION TO ELECTRICAL COMPOUNDING,
AD-656 323 11I U67 19 HC$ 3.00 MF$ 0.65

PLASTICIZERS, VINYL PLASTICS
DITRIDECYL PHTHALATE (DTDP) IN HIGH TEMPERATURE VINYL INSULATION,
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PLASTICS, FUNGUS DETERIORATION
THE EFFECTS OF SOIL MICROORGANISMS ON THE PHYSICAL AND ELECTRICAL CHARACTERISTICS OF RADIO FREQUENCY CABLES,
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PLASTICS, WELDING
HOT GAS WELDED SPLICE CLOSURES FOR PLASTIC CABLES,
AD-656 274 13H U67 19 HC$ 3.00 MF$ 0.65

PLATINUM, ELECTROCHEMISTRY
AN ELECTROKINETIC STUDY OF THE PLATINUM-POTASSIUM IODIDE SOLUTION INTERFACE,
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PLATINUM, ELECTRODES
THE CORRECTION FOR ELECTRODE OXIDATION DURING THE ANODIC ESTIMATION OF ADSORBATE COVERAGE ON SMOOTH PT ELECTRODES.
AD-656 048 7D U67 19

PLUM BROOK REACTOR
CALCULATION OF FAST-NEUTRON FLUX EMERGING FROM A REACTOR BEAMHOLE AND COMPARISON WITH EXPERIMENT.
N67-32335 18K S05 18 HC$ 3.00 MF$ 0.65

PLUTONIUM COMPOUNDS, URANIUM COMPOUNDS
GEL-ADDITION PROCESS CHEMICAL STUDIES. QUARTERLY PROGRESS REPORT NO. 2, OCTOBER-DECEMBER 1966.
BAW-3714-2 18J N21 15 HC$ 3.00 MF$ 0.65

AN EVALUATION OF UC-PUC FOR SODIUM-COOLED FAST REACTORS,
BMI-1799 18J N21 15 HC$ 3.00 MF$ 0.65

PLUTONIUM, PULSE HEIGHT ANALYZERS
IMPROVEMENTS IN THE SOLID-STATE PLUTONIUM-ALPHA AIR MONITOR,
UCRL-50228 6R N21 15 HC$ 3.00 MF$ 0.65

POLITICAL SCIENCE, PAKISTAN
REVIEW OF 'THE POLITICAL SYSTEM OF PAKISTAN',
AD-656 305 5D U67 19

POLYCYCLIC COMPOUNDS, EXCITATION
SMOLUCHOWSKI EQUATION FOR SYSTEMS WHICH DO NOT OBEY THE STOKES-EINSTEIN RELATION.
AD-656 156 7D U67 19

POLYESTER PLASTICS, ELECTRIC INSULATION
POLYESTER FILM LAMINATES FOR WIRE INSULATION,
AD-656 106 11I U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, ACCEPTABILITY
THE USE OF IRRATHENE IRRADIATED POLYETHYLENE IN WIRE AND CABLE,
AD-656 512 11I U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, ADDITIVES
FILLER STUDY IN CROSS-LINKED POLYETHYLENE,
AD-656 233 11I U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, AGING(MATERIALS)
HEAT AGING STUDIES OF CHEMICALLY CROSS-LINKED POLYETHYLENE,
AD-656 196 11I U67 19 HC$ 3.00 MF$ 0.65

THE AGEING OF POLYTHENE COMPOSITIONS,
AD-656 267 11I U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, BUTYL RUBBER
THE MODIFICATION OF BUTYL RUBBER WITH POLYETHYLENE FOR WIRE AND CABLE,
AD-656 102 11J U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, CARBON BLACK
MEASUREMENT OF THE DEGREE OF DISPERSION OF CARBON BLACK IN POLYETHYLENE USING ABSORPTION OF LIGHT,
AD-656 280 11I U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, COAXIAL CABLES
FOAMED POLYETHYLENE COAXIAL CABLES,
AD-656 402 9A U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, CONVEYORS
AUTOMATIC CONVEYOR FOR POLYETHYLENE GRANULES,
AD-656 249 13C U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, CROSSLINKING(CHEMISTRY)
EVALUATING CHEMICALLY CROSSLINKED POLYETHYLENES,
AD-656 116 11I U67 19 HC$ 3.00 MF$ 0.65

CHEMICALLY CROSS-LINKED POLYETHYLENE. A GENERAL-PURPOSE COMPOUND,
AD-656 163 11I U67 19 HC$ 3.00 MF$ 0.65

CARBON-BLACK-LOADED CROSS-LINKED POLYETHYLENE,
AD-656 288 11I U67 19 HC$ 3.00 MF$ 0.65

CHEMICALLY CROSS-LINKED POLYETHYLENE,
AD-656 390 11I U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, DEGRADATION
DEGRADATION OF POLYMERS BY EXTERNAL CORONA DISCHARGE,
AD-656 198 11J U67 19 HC$ 3.00 MF$ 0.65

THE DEPENDENCE OF PHOTOLYTIC DEGRADATION OF POLYETHYLENE ON DEGREE OF DISPERSION OF CARBON BLACK,
AD-656 236 11I U67 19 HC$ 3.00 MF$ 0.65

EVALUATION OF CARBON BLACK DISPERSIONS IN POLYETHYLENE TO PREDICT WEATHERABILITY,

AD-656 419 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, DIELECTRIC PROPERTIES
AN ADAPTER TO IMPROVE THE SENSITIVITY OF THE Q METER FOR DIELECTRIC LOSS MEASUREMENTS OF POLYETHYLENE,
AD-656 201 14B U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, DRYING
THE PROBLEM OF DRYING POLYETHYLENE SHEATHING COMPOUND PRIOR TO EXTRUSION,
AD-656 240 13H U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, ELECTRIC INSULATION
SOLID POLYPROPYLENE INSULATION FOR WIRE AND CABLE APPLICATIONS,
AD-656 078 111 U67 19 HC$ 3.00 MF$ 0.65

INTERMEDIATE AND LOW DENSITY LOW-PRESSURE POLYETHYLENES THEIR PROPERTIES AND APPLICATIONS IN THE WIRE AND CABLE INDUSTRY,
AD-656 108 111 U67 19 HC$ 3.00 MF$ 0.65

ETHYLENE PROPYLENE COPOLYMER PROVIDES A VERSATILE AND STABLE INSULATION,
AD-656 139 111 U67 19 HC$ 3.00 MF$ 0.65

NEW LOW-LOSS 'BALLOON' TYPE POLYETHYLENE INSULATION FOR TELECOMMUNICATION CABLES,
AD-656 195 11G U67 19 HC$ 3.00 MF$ 0.65

HIGH DENSITY POLYETHYLENE INSULATION IN COMMUNICATION CABLES,
AD-656 197 9A U67 19 HC$ 3.00 MF$ 0.65

AN EVALUATION OF HEAT STABILIZED, FLAME-RETARDED, CROSS-LINKED POLYOLEFINS FOR ELECTRONIC WIRE AND CABLE APPLICATIONS.
AD-656 226 111 U67 19 HC$ 3.00 MF$ 0.65

NEW INSULATION APPLICATIONS OF HIGH-DENSITY POLYETHYLENE AND POLYPROPYLENE,
AD-656 234 111 U67 19 HC$ 3.00 MF$ 0.65

QUALITY CONTROL OF VINYL AND POLYETHYLENE ELECTRICAL INSULATING AND JACKETING MATERIALS,
AD-656 268 111 U67 19 HC$ 3.00 MF$ 0.65

EVEN COUNT POLYETHYLENE INSULATED CABLE,
AD-656 294 9A U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE-INSULATED TELEPHONE CABLE,
AD-656 374 17B U67 19 HC$ 3.00 MF$ 0.65

RECENT DEVELOPMENTS IN POLYETHYLENE INSULATING MATERIALS,
AD-656 388 111 U67 19 HC$ 3.00 MF$ 0.65

LOW LOSS CABLE FOR MICROWAVE SERVICE,
AD-656 408 9A U67 19 HC$ 3.00 MF$ 0.65

THE INTERRELATIONSHIP BETWEEN DENSITY AND DIELECTRIC STRENGTH OF HIGH PRESSURE POLYETHYLENE FOR HIGH VOLTAGE APPLICATIONS IN INSULATED WIRES,
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SOME CONSIDERATIONS ON THE USE OF HIGH DENSITY POLYTHENE IN THE CABLE INDUSTRY,
AD-656 502 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, ELECTRICAL PROPERTIES
HI-FAX POTENTIALS IN THE WIRE AND CABLE INDUSTRY,
AD-656 509 111 U67 19 HC$ 3.00 MF$ 0.65

NEW IMPROVED POLYOLEFIN WIRE AND CABLE RESINS,
AD-656 525 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, ELECTRON MICROSCOPY
ELECTRON MICROSCOPY OF POLYETHYLENE BELOW 20K,
AD-656 005 14B U67 19

POLYETHYLENE PLASTICS, EXPANDED PLASTICS
BAKELITE CELLULAR POLYETHYLENE,
AD-656 324 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, EXTRUSION
EXTRUDING HIGH DENSITY POLYETHYLENE FOR QUALITY AND SAVINGS,
AD-656 065 13H U67 19 HC$ 3.00 MF$ 0.65

THE EFFECT OF DIE LAND LENGTH ON THE SURFACE APPEARANCE OF LOW MELT INDEX POLYTHENE EXTRUDATES,
AD-656 118 13H U67 19 HC$ 3.00 MF$ 0.65

POLYMER REQUIREMENTS AND INSULATING TECHNIQUES FOR OBTAINING THE MAXIMUM BENEFITS OF HIGH DENSITY POLYETHYLENE,
AD-656 216 111 U67 19

POLYETHYLENE PLASTICS, FILMS
POLYPROPYLENE CABLE WRAPS,
AD-656 105 11L U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, FIRE RESISTANT MATERIALS
FLAME-RETARDANT VULCANIZABLE POLYETHYLENE A NEW ENGINEERING MATERIAL,
AD-656 103 111 U67 19 HC$ 3.00 MF$ 0.65

FLAME RETARDANT POLYETHYLENE FOR WIRE AND CABLE,
AD-656 293 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, FRACTURE(MECHANICS)
POLYTHENE-MECHANISM OF FRACTURE,
AD-656 281 111 U67 19 HC$ 3.00 MF$ 0.65

THERMAL STRESS-CRACKING OF POLYETHYLENE II,
AD-656 282 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, HANDLING
BULK HANDLING OF POLYETHYLENE IN CABLE MANUFACTURING,
AD-656 420 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, PERMEABILITY
DIFFUSION OF GASES THROUGH POLYETHYLENE CABLE JACKETS,
AD-656 076 11C U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, PHYSICAL PROPERTIES
PHYSICAL, CHEMICAL, AND ELECTRICAL PROPERTIES OF MARLEX (TRADE NAME) ETHYLENE POLYMERS,
AD-656 383 111 U67 19 HC$ 3.00 MF$ 0.65

GENERAL PROPERTIES OF THE NEW SUPER-POLYETHYLENES,
AD-656 389 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, PLASTIC COATINGS
PROPYLENE-BASED COPOLYMERS IN WIRE AND CABLE APPLICATIONS,
AD-656 111 111 U67 19 HC$ 3.00 MF$ 0.65

ETHYLENE COPOLYMERS FOR WIRE COATING,
AD-656 235 111 U67 19 HC$ 3.00 MF$ 0.65

THICKNESS MEASUREMENT AND CONTROL IN THE MANUFACTURE OF POLYETHYLENE CABLE SHEATH,
AD-656 332 11C U67 19 HC$ 3.00 MF$ 0.65

NEW DEVELOPMENTS IN HI-FAX COVERINGS FOR WIRE AND CABLE,
AD-656 416 11C U67 19 HC$ 3.00 MF$ 0.65

THE EFFECT OF STOCK TEMPERATURE ON THE PHYSICAL PROPERTIES OF POLYTHENE COATINGS FOR WIRE,
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POLYETHYLENE PLASTICS, PREPARATION
ENGINEERING POLYETHYLENE FOR WIRE AND CABLE,
AD-656 260 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, RADIATION DAMAGE
A TECHNICAL PAPER ON THE IRRADIATION INDUCED ELASTIC MEMORY OF POLYMERS.
AD-656 190 111 U67 19 HC$ 3.00 MF$ 0.65

THE EFFECT OF RADIATION ON POLYETHYLENE,
AD-656 513 111 U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, STABILITY
THE EFFECT OF CARBON BLACK SURFACE PROPERTIES ON THE STABILITY OF POLYETHYLENE,
AD-656 501 11G U67 19 HC$ 3.00 MF$ 0.65

POLYETHYLENE PLASTICS, TEST METHODS
MICRODENSITOMETRIC DETERMINATION OF DISPERSION,
AD-656 275 14B U67 19

POLYMER
POLYMERS FOR SPACECRAFT HARDWARE MONTHLY TECHNICAL PROGRESS REPORT, 10 FEB. 1967 - 1 MAR. 1967.
N67-32398 11I S05 18 HC$ 3.00 MF$ 0.65

POLYMERIZATION, BORATES
NUCLEAR MAGNETIC RESONANCE STUDY OF BORATE-POLYBORATE EQUILIBRIA IN AQUEOUS SOLUTION,
AD-656 021 7D U67 19

POLYMERS, BLOOD COAGULATION
DEVELOPMENT OF BLOOD-COMPATIBLE POLYMERIC MATERIALS.
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APPLICATION OF COMPUTER FACILITIES FOR THE DETERMINATION OF SIZE DISTRIBUTION IN POLYMER LATICES.
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A TECHNICAL PAPER ON THE IRRADIATION INDUCED ELASTIC MEMORY OF POLYMERS.
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STRUCTURE ANALYSIS ON STEREOREGULAR POLYMETHYLMETHACRYLATE IN SOLUTIONS.
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EXTRACELLULAR POLYSACCHARIDES OF YEAST,
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DEGRADATION OF POLYMERS BY EXTERNAL CORONA DISCHARGE,
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AN EVALUATION OF VINYL HOOK-UP WIRES,
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NEW DEVELOPMENTS IN CABLE JACKETING COMPOUNDS,
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A NEW APPROACH TO COMPOUNDING FOR HIGH TEMPERATURE VINYL WIRE INSULATION,
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EFFECTS OF PLASTICIZERS UPON DRY BLENDING POLYVINYL CHLORIDE RESINS,
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MEASUREMENT OF VOLUME RESISTIVITY OF PLASTICIZED POLYVINYL CHLORIDE,
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THE TESTING OF POLYVINYLCHLORIDE ELECTRICAL FORMULATIONS,
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IMPROVED POLYVINYL CHLORIDE INSULATION FOR 105C SERVICE,
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THE COMBUSTION OF POROUS ALUMINUM PLUGS WITH OXYGEN THROUGHOUT,
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PORPHYRINS OF HIGH MOLECULAR WEIGHT IN A TRIASSIC OIL SHALE EVIDENCE BY GEL PERMEATION CHROMATOGRAPHY.
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POSITRON ANNIHILATION
REPORT PRESENTED AT INTERNATIONAL SYMPOSIUM ON ELECTRON AND POSITRON STORAGE RINGS, PART II.
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RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION,
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SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM.
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THE CRYSTAL STRUCTURE OF DIPOTASSIUM TETRANITROETHIDE.
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AN ELECTROKINETIC STUDY OF THE PLATINUM-POTASSIUM IODIDE SOLUTION INTERFACE,
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TOTAL CROSS SECTIONS OF CALCIUM AND POTASSIUM FOR FAST NEUTRONS.
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OPTICAL POTENTIAL FOR A CHEMICALLY REACTIVE SYSTEM.
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FEASIBILITY STUDY OF OXYGEN/HYDROGEN POWDERED METAL IGNITION FINAL REPORT, 16 SEP. 1964 - 15 SEP. 1965.
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HIGH-EFFICIENCY TRANSISTOR CW RF POWER AMPLIFIER.
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TRANSVERSE-WAVE HIGH-POWER TUBE.
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MANNED MISSION PHOTOVOLTAIC POWER SYSTEM STUDY. VOLUME I - PROGRAM SUMMARY FINAL ENGINEERING REPORT, APR. 20, 1966 - JAN. 20, 1967.
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CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI FUNCTION,
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SHELTER LIGHTING KIT.
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NIMBUS- B SOLAR CONVERSION POWER SUPPLY SUBSYSTEM QUARTERLY TECHNICAL REPORT, DEC. 1966 - FEB. 1967.
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DISPERSION CHROMIUM PRODUCT SUMMARY REPORT.
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ALUMINUM SHEATHING PRESS,
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THEORETICAL AND EXPERIMENTAL STUDIES OF THE UNDERLYING PROCESSES AND TECHNIQUES OF LOW PRESSURE MEASUREMENT PROGRESS REPORT, 1 JUN. 1966 - 31 MAY 1967.
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CARDIOPULMONARY EFFECTS OF PRESSURE BREATHING DURING HYPOTHERMIA.
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TABULATED DATA FROM A PRESSURE-DISTRIBUTION INVESTIGATION AT MACH NUMBER 2.01 OF THE WING OF A CANARD AIRPLANE MODEL.
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PRESSURIZED WATER REACTOR (PWR) PROJECT. TECHNICAL PROGRESS REPORT FOR THE PERIOD JANUARY 21, 1967 TO APRIL 21, 1967.
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DISPERSION CHROMIUM PRODUCT SUMMARY REPORT.
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PUBLISHABLE GRAPHS BY COMPUTER A FLEXIBLE, EASY-TO-USE PROGRAM FOR THE CALCOMP PLOTTER,
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APPLICATION OF NET-1 NETWORK ANALYSIS COMPUTER PROGRAM TO THE DC AND TRANSIENT ANALYSIS OF SWITCHING CIRCUITS.

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REALISM IN LABORATORY SIMULATION - MYTH OR METHOD,
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THE 1107 MANUAL FOR PHYSICS CHAIN, A REACTOR ANALYSIS CODE,
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PROGRAMMING BY QUESTIONNAIRE - THE JOB SHOP SIMULATION PROGRAM GENERATOR,
AD-656 296 9B U67 19

PROGRAMMING(COMPUTERS), RADIATION CHEMISTRY
ISOSHLD-II CODE REVISION TO INCLUDE CALCULATION OF DOSE RATE FROM SHIELDED BREMSSTRAHLUNG SOURCES,
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RECENT RESULTS FROM THE STRAITS-OF-FLORIDA UNDERWATER-SOUND-PROPAGATION STUDY,
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SELECTED OFFICIAL PUBLICATIONS, PROFESSIONAL PAPERS, AND PATENTS, 1966 EDITION.
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PROCEEDINGS OF NASA CONFERENCE ON SUPERSONIC-TRANSPORT FEASIBILITY STUDIES AND SUPPORTING RESEARCH.
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RELATIONSHIP OF EFFICIENCY TO PRESSURE DROP OF RESPIRATOR CARTRIDGES WITH INTRODUCED DEFECTS,
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FIXED AND REPRODUCIBLE ORTHOSTATIC PROTEINURIA.
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FASTING PLASMA AMINO ACIDS AND NITROGEN RETENTION IN MAN FOLLOWING PROLONGED SUPPLEMENTATION WITH WHEAT GLUTEN OR EGG WHITES,
AD-656 361 6P U67 19

PROTON ENERGY
ON THE ENERGY FLUXES OF LOW-ENERGY PROTONS AND POSITIVE IONS IN THE EARTH'S INNER RADIATION ZONES.
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SPACE RADIATION EQUIVALENCE FOR EFFECTS ON TRANSISTORS FINAL REPORT, 15 MAY 1965 - 15 NOV. 1966.
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CERTAIN COLLISIONS BETWEEN PROTONS AND DIATOMIC MOLECULES.
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ON THE ENERGY FLUXES OF LOW-ENERGY PROTONS AND POSITIVE IONS IN THE EARTH'S INNER RADIATION ZONE,
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ASTROPHYSICAL PROBLEMS,
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RADIATION LEVELS AT THE LOS ALAMOS TANDEM ACCELERATOR FACILITY,
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CORRELATES OF AMBIVALENCE, RISK-TAKING AND RIGIDITY FINAL SCIENTIFIC REPORT.
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PSYCHOLOGICAL WARFARE, BIBLIOGRAPHIES
PSYCHOLOGICAL OPERATIONS BIBLIOGRAPHY. SUPPLEMENT NO. 6.
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AD-656 465 15G U67 19 HC$ 3.00 MF$ 0.65

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THE MISSING DATA MATRIX,
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PSYCHOMETRICS, DATA PROCESSING SYSTEMS
A COMPUTER-LINKED RUNWAY FOR REAL TIME OPERATION,
AD-655 978 5J U67 19

PSYCHOMETRICS, FACTOR ANALYSIS
TECHNIQUES FOR INVESTIGATION OF THE STRUCTURE OF INDIVIDUAL DIFFERENCES IN PSYCHOLOGICAL PHENOMENA.
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PRELIMINARY VALIDITY REPORT OF THE MOS EVALUATION TEST FOR FIELD RADIO REPAIRMAN, MOS CODE 31E40,
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HIGH POWER, LOW NOISE PULSE CABLE,
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PULSED MAGNETIC FIELD FERROMAGNETIC MICROWAVE GENERATOR.
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PROJECT MAPOLE (MAGNETIC DIPOLE SPARK TRANSMITTER).
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IMPROVEMENTS IN THE SOLID-STATE PLUTONIUM-ALPHA AIR MONITOR,
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ANALYSIS OF THE ADVANCED NIMBUS POWER SYSTEMS.
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EFFECTIVE OPERATOR FORMALISM IN OPTICAL PUMPING,
AD-656 474 20F U67 19

PYROTECHNICS, MOISTURE
PROCESS CONTROL METHODS FOR DETERMINING SMALL AMOUNTS OF MOISTURE IN PYROTECHNICS. I. ELECTROLYTIC HYGROMETER.
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STUDIES ON MAMMALIAN AND HUMAN PYRUVATE AND ALPHA-KETOGLUTARATE DEHYDROGENATION COMPLEXES.
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P-N JUNCTION
FEASIBILITY STUDY OF A MINIATURE SOLID-STATE PRESSURE TRANSDUCER FINAL REPORT.
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AN ADAPTER TO IMPROVE THE SENSITIVITY OF THE Q METER FOR DIELECTRIC LOSS MEASUREMENTS OF POLYETHYLENE,
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QUADRATURE APPROXIMATION
RANKING PROBLEMS IN MULTIVARIATE NORMAL (STATISTICAL) POPULATIONS FINAL REPORT, 1 JUL. 1966 - 30 JUN. 1967.
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REPORT OF THE SESSION OF THE WGLR SUBCOMMITTEE ON AERODYNAMICAL COMPUTER TECHNOLOGY.
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QUALITY CONTROL, MANAGEMENT PLANNING
QUALITY - A COMBINATION OF HORSESENSE AND STATISTICAL METHODS,
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QUALITY CONTROL, STATISTICAL ANALYSIS
A COMPUTER PROGRAM TO DETERMINE ACCEPTANCE CRITERIA AND THE OPERATING CHARACTERISTIC CURVE WHEN SAMPLING VARIABLES (QUALITY CONTROL).
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SILICONE COMPOUND DEVELOPMENT AND QUALITY CONTROL THROUGH USE OF THE MOONEY VISCOMETER,
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QUANTUM MECHANICS, GAS IONIZATION
THE ABSORPTION OF X-RAYS BY INTERSTELLAR GAS,
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TWO QUEUES IN SERIES WITH A FINITE INTERMEDIATE WAITINGROOM,
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RADAR ANTENNAS, ROTOR BLADES(ROTARY WINGS)
RESULTS OF MAIN ROTOR RADAR BLADE FLIGHT TESTS, MODEL UH-1B, S/N AF622023,

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HELICOPTER ROTOR BLADE RADAR ANTENNA,
AD-656 439 1C U67 19 HC$ 3.00 MF$ 0.65

RADAR ECHO AREAS, UNITED STATES
DISTRIBUTIONS OF RADAR ECHOES OVER THE UNITED STATES.
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RADAR SCANNING, RADAR STATIONS
INDICATORS OF SURVEY RADAR STATIONS,
AD-656 560 17I U67 19 HC$ 3.00 MF$ 0.65

RADAR STATIONS, RADAR SCANNING
INDICATORS OF SURVEY RADAR STATIONS,
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A RATE OF TURN DEVICE FOR USE WITH THE 15-J-4-Q MOVING RADAR TARGET GENERATOR ITS DESIGN AND EVALUATION.
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RADAR, MAINTENANCE
AN EXPERIMENT IN BASIC AIRBORNE ELECTRONICS TRAINING. PART II. EFFECT OF REDUCTION IN TRAINING TIME UPON KNOWLEDGE OF RADAR MAINTENANCE.
AD-656 436 5J U67 19 HC$ 3.00 MF$ 0.65

RADIATION CHEMISTRY, PROGRAMMING(COMPUTERS)
ISOSHLD-II CODE REVISION TO INCLUDE CALCULATION OF DOSE RATE FROM SHIELDED BREMSSTRAHLUNG SOURCES,
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RADIATION CHEMISTRY, STYRENE PLASTICS
IRRADIATION 'FACTOR-DEPENDENCY'. STYRENE WITH ADDITIVES.
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RADIATION DAMAGE, NUCLEAR RADIATION
NUCLEAR RADIATION, A NEW ENVIRONMENT,
AD-656 278 18H U67 19 HC$ 3.00 MF$ 0.65

RADIATION DAMAGE, POLYETHYLENE PLASTICS
A TECHNICAL PAPER ON THE IRRADIATION INDUCED ELASTIC MEMORY OF POLYMERS.
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THE EFFECT OF RADIATION ON POLYETHYLENE,
AD-656 513 11I U67 19 HC$ 3.00 MF$ 0.65

RADIATION DAMAGE, REACTOR MATERIALS
IRRADIATION EFFECTS ON REACTOR STRUCTURAL MATERIALS.
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RADIATION DAMAGE, SEMICONDUCTORS
RADIATION STUDY ON MOS STRUCTURES,
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RADIATION DETECTOR
INVESTIGATION OF SPONTANEOUS FLUCTUATIONS IN THE APPLICATION OF SEMICONDUCTOR DIODES AS DETECTORS OF NUCLEAR RADIATION.
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RADIATION EFFECT
SPACE RADIATION EQUIVALENCE FOR EFFECTS ON TRANSISTORS FINAL REPORT, 15 MAY 1965 - 15 NOV. 1966.
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EFFECT OF VARIOUS OPTICAL RADIATIONS AND WATER VAPOR ON TRAPPING SPECTRUM OF CADMIUM SULFIDE.
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RADIATION EFFECTS, HEALING
RESULTS OBTAINED TO DATE FROM A STUDY OF THE EFFECTS OF IONIZING IRRADIATION AND ITS EFFECT UPON FORMATION AND DEVELOPMENT OF THE HEALING WOUND.
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RADIATION EFFECTS, MITOSIS
EFFECT OF CALCIUM ON MITOSIS IN THE THYMUSES OF NORMAL AND IRRADIATED RATS,
AD-655 870 6R U67 19

RADIATION HAZARDS, MICROWAVES
NONTHERMAL EFFECTS OF MICROWAVE RADIATION.
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RADIATION MEASUREMENT SYSTEMS, DENSIMETERS
RADIOLOGICAL SAFETY INSTRUCTIONS FOR THE LANE-WELLS NUCLEAR SEDIMENT DENSITY METER.
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IMPROVEMENTS IN THE SOLID-STATE PLUTONIUM-ALPHA AIR MONITOR,
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RADIATION SHIELDING
STUDY OF PLASMA RADIATION SHIELDING QUARTERLY PROGRESS REPORT, 24 MAR. - 23 JUN. 1967.
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RADIO ANTENNA
GSFC PHASE A ANALYTICAL REPORT FOR ATS-F AND G.
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RADIO ASTRONOMY, MICROWAVES
RESEARCH INVESTIGATION DIRECTED TOWARD EXTENDING THE USEFUL RANGE OF THE ELECTROMAGNETIC SPECTRUM.
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RADIO COMMUNICATION SYSTEMS, TACTICAL WARFARE
FREQUENCY ASSIGNMENT STUDIES.
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RADIO EQUIPMENT, UNDERWATER
WIRES AND CABLES FOR SUBMARINE RADIO SYSTEMS.
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RADIO TRANSMISSION, VERY HIGH FREQUENCY
TABULATIONS OF VHF PROPAGATION DATA OBTAINED OVER IRREGULAR TERRAIN AT 20, 50, AND 100 MHZ.
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HEIGHT GAIN, LOCATION GAIN, AND CORRELATION IN IRREGULAR TERRAIN AT 20, 50, AND 100 MHZ.
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RADIO TRANSMITTERS, VERY HIGH FREQUENCY
PROJECT MAPOLE (MAGNETIC DIPOLE SPARK TRANSMITTER).
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RADIO WAVE
INVESTIGATION OF REFLECTIONS BY THE MOON'S SURFACE OF METER RADIOWAVES.
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RADIOACTIVE BATTERIES, GERMANIUM
INVESTIGATION OF A PIN-STRUCTURE GERMANIUM PHOTOVOLTAIC CELL.
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RADIOACTIVE DECAY
INFLUENCE OF PARENT AND DAUGHTER DECAY ON TRACER DIFFUSION PROFILES.
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RADIOACTIVE DECAY, DISTRIBUTION FUNCTIONS
RADIOACTIVE DISINTEGRATION AS A SUBSIDENCE PROCESS,
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SMALL BOY PROJECT 62.80B AERORADIOACTIVITY SURVEY.
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RADIOACTIVE FALLOUT, NORTHERN HEMISPHERE
RADIOACTIVE FALLOUT IN NORTHERN REGIONS.
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RADIOACTIVE FALLOUT, RADIOBIOLOGY
MEDICAL SURVEY OF THE PEOPLE OF RONGELAP AND UTIRIK ISLANDS ELEVEN AND TWELVE YEARS AFTER EXPOSURE TO FALLOUT RADIATION (MARCH 1965 AND MARCH 1966),
BNL-50029 18H N21 15 HC$ 3.00 MF$ 0.65

SEDAN PROJECT 62.80C, AERORADIOACTIVITY SURVEY.
CEX-62.80C 18H N21 15 HC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, FUELS
RADIOLOGICAL SAFETY STUDIES OF SPACE NUCLEAR SYSTEMS.
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RADIOACTIVE ISOTOPES, NUCLEAR RADIATION SPECTROMETERS
GAMMA-RAY SPECTROMETRY OF NEUTRON-DEFICIENT ISOTOPES.
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ORNL-4092 6R N21 15 HC$ 3.00 MF$ 0.65

RADIOACTIVE ISOTOPES, TUNGSTEN
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SMALL BOY PROJECT 62.80B AERORADIOACTIVITY SURVEY.
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RADIOBIOLOGY, REPORTS
RADIOLOGICAL PHYSICS DIVISION ANNUAL REPORT, JULY 1965 TO JUNE 1966,
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RADIOFREQUENCY OSCILLATORS, ALIGNMENT
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RADIOLOGICAL PHYSICS DIVISION ANNUAL REPORT, JULY 1965 TO JUNE 1966,
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BNWL-236-SUPPL-1 7E N21 15 HC$ 3.00 MF$ 0.65

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N67-32534 9F S05 18 HC$ 3.00 MF$ 0.65

RANDOM VIBRATION
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N67-31716 20K S05 18 HC$ 3.00 MF$ 0.65

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AD-656 599 20L U67 19 HC$ 3.00 MF$ 0.65

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AD-656 711 5J U67 19 HC$ 3.00 MF$ 0.65

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AD-656 714 5J U67 19 HC$ 3.00 MF$ 0.65

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AN EVALUATION OF THE APPLICABILITY OF EXISTING DATA TO THE ANALYTICAL DESCRIPTION OF A NUCLEAR-REACTOR ACCIDENT.
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REACTOR CONTROL, NUCLEAR REACTORS
THE LIVERMORE POOL TYPE REACTOR (LPTR),
UCRL-4919 REV. II 18I N21 15 HC$ 3.00 MF$ 0.65

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BNWL-371 PT. I 18I N21 15 HC$ 3.00 MF$ 0.65

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REACTOR COOLANTS, REACTOR CORES
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IDO-17138 9B N21 15 HC$ 3.00 MF$ 0.65

REACTOR CORES, NUCLEAR ENGINEERING
PRESSURIZED WATER REACTOR (PWR) PROJECT. TECHNICAL PROGRESS REPORT FOR THE PERIOD JANUARY 21, 1967 TO APRIL 21, 1967.
WAPD-MRP-120 11F N21 15 HC$ 3.00 MF$ 0.65

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THE EFFECTS OF COOLANT TEMPERATURE AND INITIAL POWER LEVEL ON THE EXCURSION BEHAVIOR OF A HIGHLY ENRICHED PLATE CORE IN SPERT III EXPERIMENT AND ANALYSIS,
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CONTACT DIFFUSION INTERACTION OF MATERIALS WITH CLADDING,
AD-656 446 18J U67 19 HC$ 3.00 MF$ 0.65

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CROSS-FLOW MIXING BETWEEN PARALLEL FLOW CHANNELS DURING BOILING. PART I. COBRA COMPUTER PROGRAM FOR COOLANT BOILING IN ROD ARRAYS,
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REACTOR HAZARDS, CONTROL
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UCRL-50007-66-2 6R N21 15 HC$ 3.00 MF$ 0.65

REACTOR MATERIALS, METALLURGY
STUDIES IN ZIRCONIUM OXIDATION,
ANL-7252 11F N21 15 HC$ 3.00 MF$ 0.65

REACTOR MATERIALS, RADIATION DAMAGE
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REACTOR OPERATION, NUCLEAR POWER PLANTS
AN EVALUATION OF THE APPLICABILITY OF EXISTING DATA TO THE ANALYTICAL DESCRIPTION OF A NUCLEAR-REACTOR ACCIDENT.
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THE LIVERMORE POOL TYPE REACTOR (LPTR),
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REACTOR OPERATION, SYMPOSIA
THE NPY INTERNATIONAL ADVANCED SUMMER SCHOOL ON REACTOR PHYSICS (2D), NORWAY, AUGUST, 1966.
PB-175 681 18K U67 19 HC$ 3.00 MF$ 0.65

REACTOR START-UP SOURCES, CASCADE STRUCTURES
EQUILIBRIUM TIME FOR A SQUARE PLANT VARIABLE RESERVOIR INITIAL CONCENTRATIONS,
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REACTOR SYSTEM COMPONENTS, NUCLEAR ENGINEERING
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RECALL, VERBAL BEHAVIOR
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RECTIFIER
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RED SEA, MARINE BIOLOGY
ISRAEL SOUTH RED SEA EXPEDITION REPORTS, BULLETIN NO. 43, 1962.
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ISRAEL SOUTH RED SEA EXPEDITION REPORTS, BULLETIN NO. 46, 1962.
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WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 0.60 TO 1.20 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A MODEL OF A POSSIBLE NONLIFTING REENTRY CAPSULE IN COMBINATION WITH A ROCKET BOOSTER.
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REENTRY VEHICLES, HIGH-TEMPERATURE RESEARCH
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REENTRY VEHICLES, PLASMA SHEATH
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REFLECTION COEFFICIENT
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N67-31802 20N S05 18 HC$ 3.00 MF$ 0.65

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SOVIET ANTARCTIC EXPEDITIONS, 1959 - 1961.
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SOVIET ANTARCTIC EXPEDITIONS, 1955 - 1959.
N67-32170 14B S05 18 HC$ 3.00 MF$ 0.65

RESEARCH PROGRAM ADMINISTRATION, ROCKET RESEARCH
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AD-656 582 5B U67 19 HC$ 3.00 MF$ 0.65

RESEARCH PROJECT
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RHEOLOGY, SYMPOSIA
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AD-656 355 20D U67 19

PROCEEDINGS OF THE INTERNATIONAL CONGRESS ON RHEOLOGY (4TH). PART II, HELD AT BROWN UNIVERSITY, PROVIDENCE, RHODE ISLAND, AUGUST 26-30, 1963,
AD-656 356 20D U67 19

PROCEEDINGS OF THE INTERNATIONAL CONGRESS ON RHEOLOGY (4TH), PART III, HELD AT BROWN UNIVERSITY, PROVIDENCE, RHODE ISLAND, AUGUST 26-30, 1963,
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N67-32002 1C S05 18 HC$ 3.00 MF$ 0.65

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SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM.
N67-31919 7B S05 18 HC$ 3.00 MF$ 0.65

SPECIFIC IMPULSE
SOLAR PROBE WITH BURNER II PROPULSION MODULUS.
N67-32338 22D S05 18 HC$ 3.00 MF$ 0.65

SPECTROSCOPY
INVESTIGATION OF THE POTENTIALITIES OF PHOTOCHEMICAL LASER SYSTEMS. PART I - SURVEY AND ANALYSIS FINAL REPORT, 1 FEB. 1966 - 31 JAN. 1967.
N67-31658 20E S05 18 HC$ 3.00 MF$ 0.65

SPECTROSCOPY, SCIENTIFIC RESEARCH
FOUNDATIONAL RESEARCH PROJECTS, JANUARY-MARCH 1967.
AD-655 889 20L U67 19 HC$ 3.00 MF$ 0.65

SPEECH RECOGNITION, BANDWIDTH
STUDY AND ANALYSIS OF SPEECH PARAMETERS AND BANDWIDTH COMPRESSION TECHNIQUES.
AD-656 478 9D U67 19 HC$ 3.00 MF$ 0.65

SPEECH TRANSMISSION, STRESS(PSYCHOLOGY)
VOICE COMMUNICATION EFFECT OF STRESS ON TALKERS, A PERSONALITY STUDY,
AD-656 631 17B U67 19 HC$ 3.00 MF$ 0.65

SPEECH TRANSMISSION, TRAINING
VOICE COMMUNICATION RETENTION OF IMPROVED INTELLIGIBILITY,
AD-656 629 17B U67 19 HC$ 3.00 MF$ 0.65

EFFECT OF LEVEL OF DISTRACTING NOISE UPON SPEAKING RATE, DURATION, AND INTENSITY.
AD-656 630 17B U67 19 HC$ 3.00 MF$ 0.65

SPEECH, ANALYSIS
STUDY AND ANALYSIS OF SPEECH PARAMETERS AND BANDWIDTH COMPRESSION TECHNIQUES.
AD-656 478 9D U67 19 HC$ 3.00 MF$ 0.65

SPEECH, INTELLIGIBILITY
VOICE COMMUNICATION RETENTION OF IMPROVED INTELLIGIBILITY,
AD-656 629 17B U67 19 HC$ 3.00 MF$ 0.65

EFFECT OF LEVEL OF DISTRACTING NOISE UPON SPEAKING RATE, DURATION, AND INTENSITY.
AD-656 630 17B U67 19 HC$ 3.00 MF$ 0.65

VOICE COMMUNICATION EFFECT OF STRESS ON TALKERS, A PERSONALITY STUDY,
AD-656 631 17B U67 19 HC$ 3.00 MF$ 0.65

SPHERE
THEORETICAL SOLUTION OF THE NONLINEAR PROBLEM OF TRANSIENT COOLING OF AN OPAQUE SPHERE IN SPACE.
N67-32551 20M S05 18 HC$ 3.00 MF$ 0.65

SPHERES, FLUID MECHANICS
FLUID FREE SURFACE PROXIMITY EFFECT ON A SPHERE VERTICALLY ACCELERATED FROM REST.
AD-656 429 20D U67 19 HC$ 3.00 MF$ 0.65

SPIN STABILIZATION
CONCEPTUAL MECHANIZATION STUDIES FOR A HORIZON DEFINITION SPACECRAFT ATTITUDE CONTROL SUBSYSTEM, PHASE A, PART II, 10 OCTOBER 1966 - 29 MAY 1967.
N67-32090 17G S05 18 HC$ 3.00 MF$ 0.65

SPIN STABILIZATION, SCIENTIFIC SATELLITES
PERFORMANCE OF THE SPIN CONTROL SYSTEM OF THE DME-A SATELLITE.
AD-656 730 22C U67 19 HC$ 3.00 MF$ 0.65

SPIN-STABILIZED AMMUNITION, EQUATIONS OF MOTION
AVERAGED EQUATIONS FOR THE SLOW OSCILLATORY MOTION OF A SPINNING SHELL.
AD-656 053 19D U67 19 HC$ 3.00 MF$ 0.65

STABILITY
ON A CLASS OF WAVE EQUATIONS.
N67-32471 12A S05 18 HC$ 3.00 MF$ 0.65

STABILITY AUGMENTATION
REPORT ON THE SESSION OF THE WGLR SUBCOMMITTEE ON FLIGHT CONTROL.
N67-31956 1A S05 18 HC$ 3.00 MF$ 0.65

STABILITY, INVARIANCE
AN INVARIANCE PRINCIPLE IN THE THEORY OF STABILITY,
AD-656 642 12A U67 19

STAGNATION POINT, VORTICES
ROTATIONAL STAGNATION-POINT FLOW,
AD-656 664 20D U67 19

STAINLESS STEEL
COLD MOLECULAR WELDING STUDY FINAL REPORT, JUN. 15, 1966 - JUN. 14, 1967.
N67-31501 13H S05 18 HC$ 3.00 MF$ 0.65

A STUDY OF HYDROGEN EMBRITTLEMENT OF VARIOUS ALLOYS ANNUAL SUMMARY REPORT, 24 JUN. 1966 - 23 JUN. 1967.
N67-32396 11F S05 18 HC$ 3.00 MF$ 0.65

INVESTIGATION OF BIAXIAL STRESS CORROSION IN TWO ALLOY FINAL REPORT, 29 JUN. 1966 - 28 MAY 1967.
N67-32634 11F S05 18 HC$ 3.00 MF$ 0.65

STAINLESS STEEL, NITRIC ACID
CORROSION OF BORON-STAINLESS STEEL BY NITRIC ACID,
KFP-781 11F N21 15 HC$ 3.00 MF$ 0.65

STANDARDIZATION
COMPOSITE MATERIALS.
N67-32003 11D S05 18 HC$ 3.00 MF$ 0.65

STANDARDS, LABELS
MARKING OF JEWELRY AND NOVELTIES OF SILVER.
CS-118-44 13H U67 19 HC$ 3.00

STANDARDS, PACKAGING
PACKAGING PRACTICE RECOMMENDATION. PACKAGING OF STANDARD MALLEABLE IRON SCREWED PIPE FITTINGS, BLACK OR GALVANIZED (FOR 2-INCH PIPE SIZE AND UNDER),
SPR-248-52 13H U67 19 HC$ 3.00

STANDARDS, RODS
STEEL FENCE POSTS-FIELD AND LINE TYPE,
CS-184-51 13H U67 19 HC$ 3.00

STANDARDS, SYMPOSIA
PROCEEDINGS OF THE 1966 STANDARDS LABORATORY CONFERENCE HELD MAY 9-12, 1966, NATIONAL BUREAU OF STANDARDS, GAITHERSBURG FACILITY, WASHINGTON, D. C.
NBS-MP-291 14B U67 19 HC$ 1.00 MF$ 0.65

STARS, ATMOSPHERE MODELS
THE METHOD FOR ABUNDANCE ANALYSIS. II. ON THE CURVE-OF-GROWTH METHOD,
AD-655 961 38 U67 19

STARS, NUCLEAR REACTIONS
ASTROPHYSICAL PROBLEMS,
AD-656 150 38 U67 19

STATE-OF-THE-ART REVIEWS, MANAGEMENT PLANNING
PERSONNEL IMPLICATIONS OF NEW TECHNOLOGICAL DEVELOPMENTS, MICROELECTRONICS AND AUTOMATION.
AD-656 452 9C U67 19 HC$ 3.00 MF$ 0.65

STATIC AERODYNAMIC CHARACTERISTICS
INVESTIGATION OF THE AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC HORIZONTAL- ATTITUDE VTOL AIRPLANE MODEL AT MACH NUMBERS OF 1.57, 2.14, 2.54, AND 2.87.
N67-31732 1A S05 18 HC$ 3.00 MF$ 0.65

FULL-SCALE WIND-TUNNEL INVESTIGATION OF THE LOW-SPEED STATIC AERODYNAMIC CHARACTERISTICS OF A MODEL OF A REENTRY CAPSULE.
N67-32155 22C S05 18 HC$ 3.00 MF$ 0.65

STATIC STABILITY
EFFECTS OF JET PLUMING ON THE STATIC STABILITY OF FIVE ROCKET MODELS AT MACH NUMBERS OF 4, 5 AND 6 AND STATIC PRESSURE RATIOS UP TO 26,000.
N67-31989 1A S05 18 HC$ 3.00 MF$ 0.65

WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 3.0 TO 6.8 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF MODIFIED MERCURY EXIT AND ESCAPE CAPSULE CONFIGURATIONS.
N67-32016 22B S05 18 HC$ 3.00 MF$ 0.65

WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 0.60 TO 1.20 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A MODEL OF A POSSIBLE NONLIFTING REENTRY CAPSULE IN COMBINATION WITH A ROCKET BOOSTER.
N67-32018 22B S05 18 HC$ 3.00 MF$ 0.65

STATISTICAL ANALYSIS
RANKING PROBLEMS IN MULTIVARIATE NORMAL (STATISTICAL) POPULATIONS FINAL REPORT, 1 JUL. 1966 - 30 JUN. 1967.
N67-31744 12A S05 18 HC$ 3.00 MF$ 0.65

STATISTICAL ANALYSIS, OPERATIONS RESEARCH
ESTIMATING FROM MISCLASSIFIED DATA,
AD-655 845 5A U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL ANALYSIS, RANDOM VARIABLES
SOME RESULTS ON ALMOST SURE AND COMPLETE CONVERGENCE IN THE INDEPENDENT AND MARTINGALE CASES,
AD-656 485 12A U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL ANALYSIS, THEOREMS
AN ASYMPTOTIC EXPANSION FOR POSTERIOR DISTRIBUTIONS.
AD-656 033 12A U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL ANALYSIS, TIME SERIES ANALYSIS
MODELS FOR FORECASTING SEASONAL AND NON-SEASONAL TIME SERIES.
AD-656 685 12A U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL MECHANICS, EQUATIONS
DERIVATION OF THE GENERALIZED MASTER EQUATION FOR COMPOSITE PARTICLES,
AD-656 586 7D U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL PROCESSES, DECISION THEORY
ALTERNATIVE SCHEMES FOR INVESTIGATING MARKOV DECISION PROCESSES.
AD-655 893 12B U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL PROCESSES, SEQUENTIAL ANALYSIS
DETECTION OF CHANGES IN CHARACTERISTICS OF A GAUSS-MARKOV PROCESS.
AD-656 043 12A U67 19 HC$ 3.00 MF$ 0.65

STATISTICAL PROCESSES, THEOREMS
ASYMPTOTIC NORMALITY OF THE MAXIMUM LIKELIHOOD ESTIMATE IN MARKOV PROCESSES.
AD-656 032 12A U67 19 HC$ 3.00 MF$ 0.65

CONTRIBUTIONS TO DOEBLIN'S THEORY OF MARKOV PROCESSES,
AD-656 657 12A U67 19

STATOR
SINGLE STAGE EXPERIMENTAL EVALUATION OF VARIABLE GEOMETRY GUIDE VANES AND STATORS. PART II - ANNULAR CASCADE INVESTIGATIONS OF CANDIDATE VARIABLE GEOMETRY DESIGNS.
N67-31727 1A S05 18 HC$ 3.00 MF$ 0.65

STATOR BLADE
DESIGN AND EXPERIMENTAL INVESTIGATION OF A HIGH-WEIGHT-FLOW LOW-PRESSURE-RATIO TURBINE.
N67-31918 21E S05 18 HC$ 3.00 MF$ 0.65

STEADY STATE FLOW
THE LAMINAR BOUNDARY LAYER IN A RADIATING ABSORBING GAS NEAR A FLAT PLATE.
N67-31858 20M S05 18 HC$ 3.00 MF$ 0.65

STEAM, GENERATORS
DESIGN, PERFORMANCE, AND ECONOMICS EVALUATION OF SODIUM-HEATED, MODULAR, SUPERCRITICAL, STEAM GENERATORS,
NAA-SR-8508 18I N21 15 HC$ 3.00 MF$ 0.65

STEEL INDUSTRY, METALLURGY
ELECTROSLAG REMELTING AND QUALITY OF METAL,
AD-656 561 13H U67 19 HC$ 3.00 MF$ 0.65

STEEL, CASTINGS
EFFECT OF MOLD-STEEL INTERFACE REACTIONS ON CASTING SURFACE AND PROPERTIES.
AD-656 475 11F U67 19 HC$ 3.00 MF$ 0.65

CONTROL OF CAST GRAIN SIZE OF STEEL CASTINGS-EFFECT OF STRUCTURE AND NONMETALLICS ON PROPERTIES.
AD-656 476 11F U67 19 HC$ 3.00 MF$ 0.65

STEEL, RADIATION DAMAGE
IRRADIATION EFFECTS ON REACTOR STRUCTURAL MATERIALS.
AD-656 576 18J U67 19 HC$ 3.00 MF$ 0.65

STEEL, WIRE
ALUMOWELD A NEW BIMETALLIC WIRE FOR ELECTRICAL AND STRENGTH APPLICATIONS,
AD-656 287 11F U67 19 HC$ 3.00 MF$ 0.65

STEREOCHEMISTRY
STRUCTURE ANALYSIS ON STEREOREGULAR POLYMETHYLMETHACRYLATE IN SOLUTIONS.
N67-31659 7U S05 18 HC$ 3.00 MF$ 0.65

STEREOCHEMISTRY, AMINES
INFLUENCE DES EFFETS INDUCTIFS ET STERIQUES SUR LA BASICITE DES AMINES TERTIAIRES (INFLUENCE OF THE INDUCTIVE AND STERIC EFFECTS ON THE BASICITY OF TERTIARY AMINES),
AD-655 876 7C U67 19

STEREOCHEMISTRY, ORGANIC SULFUR COMPOUNDS
PYRAMIDAL INVERSION OF SULFONIUM IONS. THE RACEMIZATION OF 1-ADAMANTYL ETHYLMETHYLSULFONIUM PERCHLORATE,
AD-655 946 7C U67 19

STIFF STRUCTURE
STRUCTURAL EFFICIENCY OF RING-STIFFENED CORRUGATED CYLINDERS IN AXIAL COMPRESSION.
N67-32382 20K S05 18 HC$ 3.00 MF$ 0.65

STILL PROJECTORS, DESIGN
A SIXTEEN-UNIT PROJECTOR WITH MICROSECOND TURN-ON TIME,
AD-656 654 14E U67 19

STOCHASTIC PROCESSES, CONTROL SYSTEMS
OPTIMAL CONTROL OF A DISCRETE-TIME STOCHASTIC SYSTEM LINEAR IN THE STATE,
AD-656 696 12A U67 19 HC$ 3.00 MF$ 0.65

STOCHASTIC PROCESSES, DECISION THEORY
A CLASS OF MODELS FOR ADAPTIVE EXPERIMENTATION AND CONTROL.
AD-656 470 12B U67 19 HC$ 3.00 MF$ 0.65

STOCHASTIC PROCESSES, LINEAR PROGRAMMING
L-SHAPED LINEAR PROGRAMS WITH APPLICATIONS TO OPTIMAL CONTROL AND STOCHASTIC PROGRAMMING.
AD-656 045 12B U67 19 HC$ 3.00 MF$ 0.65

STRAIN(MECHANICS), CREEP
PLASTIC INSTABILITY IN RATE-DEPENDENT MATERIALS,
AD-656 732 20K U67 19 HC$ 3.00 MF$ 0.65

STRATIGRAPHY
ASTROGEOLOGIC STUDIES. PART A - LUNAR AND PLANETARY INVESTIGATIONS ANNUAL PROGRESS REPORT, 1 JUL. 1965 - 1 JUL. 1966.
N67-31934 3A S05 18 HC$ 3.00 MF$ 0.65

STRATOSPHERE
COSMIC DUST IN THE STRATOSPHERE.
N67-31811 4A S05 18 HC$ 3.00 MF$ 0.65

STRATOSPHERE, ATMOSPHERIC TEMPERATURE
A REVIEW OF SEVEN PAPERS CONCERNING THE MEASUREMENT OF TEMPERATURE IN THE STRATOSPHERE AND MESOSPHERE,
AD-656 401 4A U67 19 HC$ 3.00 MF$ 0.65

STRESS ANALYSIS
THEORETICAL DYNAMIC ANALYSIS OF THE LANDING LOADS ON A VEHICLE WITH A TRICYCLE LANDING GEAR.
N67-32394 1C S05 18 HC$ 3.00 MF$ 0.65

STRESS CORROSION
INVESTIGATION OF BIAXIAL STRESS CORROSION IN TWO ALLOY FINAL REPORT, 29 JUN. 1966 - 28 MAY 1967.
N67-32034 11F S05 18 HC$ 3.00 MF$ 0.65

STRESS CORROSION, ALUMINUM ALLOYS
STRESS-CORROSION STUDIES OF ALUMINUM ALLOY 5456-H321 IN SEAWATER.
AD-656 573 11F U67 19 HC$ 3.00 MF$ 0.65

STRESS(PHYSIOLOGY), UNDERWATER
A BIBLIOGRAPHICAL SOURCEBOOK OF COMPRESSED AIR, DIVING AND SUBMARINE MEDICINE, VOLUME III,
AD-656 674 6S U67 19 MF$ 0.65

STRUCTURAL DYNAMICS
LAUNCH-VEHICLE DYNAMICS.
N67-32138 22D S05 18 HC$ 3.00 MF$ 0.65

STRUCTURAL GEOLOGY, MAGNETIC FIELDS
POTENTIAL APPLICATIONS OF MAGNETIC GRADIENTS TO MARINE GEOPHYSICS.
AD-655 892 8G U67 19 HC$ 3.00 MF$ 0.65

STRUCTURAL MATERIAL
PROCEEDINGS OF NASA CONFERENCE ON SUPERSONIC-TRANSPORT FEASIBILITY STUDIES AND SUPPORTING RESEARCH.
N67-31606 1C S05 18 HC$ 3.00 MF$ 0.65

STRUCTURAL PARTS, LOADING(MECHANICS)
FINITE DEFLECTIONS OF A SIMPLY SUPPORTED RIGID-PLASTIC CIRCULAR PLATE LOADED DYNAMICALLY,
AD-656 731 20K U67 19 HC$ 3.00 MF$ 0.65

STRUCTURAL SHELLS, BUCKLING(MECHANICS)
BUCKLING OF VESSELS COMPOSED OF COMBINATIONS OF CYLINDRICAL AND SPHERICAL SHELLS.
AD-656 639 13J U67 19 HC$ 3.00 MF$ 0.65

STRUCTURAL SHELLS, LOADING(MECHANICS)
THE VIBRATION AND BUCKLING CHARACTERISTICS OF CYLINDRICAL SHELLS UNDER AXIAL LOAD AND EXTERNAL PRESSURE.
AD-656 302 20K U67 19 HC$ 3.00 MF$ 0.65

STRUCTURAL SHELLS, MECHANICAL PROPERTIES
DYNAMICS OF A TWO-LAYERED TIMOSHENKO-TYPE CYLINDRICAL SHELL INCLUDING THE EFFECTS OF SHEAR DEFORMATION OF THE INTERLAYER BOND,
AD-656 338 20K U67 19 HC$ 3.00 MF$ 0.65

STRUCTURES, BRIDGES
ANALYSIS OF SIMPLY SUPPORTED BOX GIRDER BRIDGES REPORT OF AN INVESTIGATION,
PB-175 646 13M U67 19 HC$ 3.00 MF$ 0.65

STRUCTURES, DEFORMATION
DISPLACEMENT BOUNDS FOR DYNAMICALLY LOADED ELASTIC STRUCTURES,
AD-655 924 20K U67 19 HC$ 3.00 MF$ 0.65

STRUCTURES, UNDERWATER
A FAMILY OF NEW ISOTOPIC WATER CURRENT METERS (THE DWICAS).
JLI-2748-86 18D N21 15 HC$ 3.00 MF$ 0.65

STYRENE PLASTICS, RADIATION CHEMISTRY
IRRADIATION 'FACTOR-DEPENDENCY'. STYRENE WITH ADDITIVES.
AD-656 760 7E U67 19 HC$ 3.00 MF$ 0.65

SUBMARINE PERSONNEL, NAVAL TRAINING
TRAINING AND SUPERVISION OF CONTROLLERMEN.
AD-656 632 5I U67 19 HC$ 3.00 MF$ 0.65

SUBMARINES, CONTROL SURFACES
THEORETICAL SOLUTIONS AND NUMERICAL RESULTS FOR LOW-ASPECT-RATIO RECTANGULAR JET-FLAP CONTROL SURFACES.
AD-656 491 13J U67 19 HC$ 3.00 MF$ 0.65

SUBMARINES, ELECTRIC CABLES
WIRES AND CABLES FOR SUBMARINE RADIO SYSTEMS.
AD-656 176 9A U67 19 HC$ 3.00 MF$ 0.65

DEVELOPMENTS IN SUBMARINE COMMUNICATION CABLES,
AD-656 386 9A U67 19 HC$ 3.00 MF$ 0.65

SUBMARINES, WAKE
INVESTIGATION OF THE TIME DEPENDENT WAKE MEASURED ON A SUBMARINE BODY.
AD-656 055 13J U67 19 HC$ 3.00 MF$ 0.65

SUBSONIC CHARACTERISTICS, WIND TUNNELS
THE SUBSONIC WIND TUNNEL OF BATTELLE COLUMBUS LABORATORIES.
AD-656 486 14B U67 19 HC$ 3.00 MF$ 0.65

SUBSYSTEM
CONCEPTUAL MECHANIZATION STUDIES FOR A HORIZON DEFINITION SPACECRAFT COMMUNICATIONS AND DATA HANDLING SUBSYSTEM.
N67-32625 17B S05 18 HC$ 3.00 MF$ 0.65

SULFATES, CRYSTAL GROWTH
CRYSTALLIZATION OF FE(NH4)2(SO4)2.6H2O ON A SEED IN MAGNETIC FIELDS UP TO 140 KOE,
AD-656 123 20L U67 19

SULFIDES, CHEMICAL ANALYSIS
SPOT TEST DETECTION OF SULFIDE IN MINERALS,
AD-656 184 8D U67 19

SULFIDES, OPTICAL PROPERTIES
OPTICAL PROPERTIES OF ALPHA-MNS.
AD-656 000 20L U67 19

SULFUR COMPOUNDS, CHEMICAL REACTIONS
REACTIONS OF SULFUR HEXAFLUORIDE WITH EXPLODING METALS,
AD-656 312 7B U67 19 HC$ 3.00 MF$ 0.65

SULFUR COMPOUNDS, COMPLEX COMPOUNDS
ORGANOMETALLIC SULFUR COMPLEXES. VI. THE MOLECULAR STRUCTURE OF A TRICYCLIC COMPLEX, TRICOBALT ENNEACARBONYL SULFIDE,
AD-655 896 7A U67 19

PREPARATION AND STRUCTURE OF (CH3SFE2(CO)6)2S AN ORGANOMETALLIC COMPLEX CONTAINING A TETRAHEDRAL-LIKE SULFUR ATOM COORDINATED TO FOUR METAL ATOMS.
AD-655 958 7B U67 19

SULFUR COMPOUNDS, CORROSIVE GASES
FORMATION OF ALKALI IRON SULFATES AND OTHER COMPOUNDS CAUSING CORROSION IN BOILERS AND GAS TURBINES.
AD-656 366 11F U67 19 HC$ 3.00 MF$ 0.65

SUN, SCIENTIFIC RESEARCH
SOLAR RESEARCH AND INSTRUMENTATION PROGRAMS AT SACRAMENTO PEAK OBSERVATORY AND HIGH ALTITUDE OBSERVATORY.
AD-656 425 3A U67 19 HC$ 3.00 MF$ 0.65

RESEARCH DIRECTED TOWARD THE OBSERVATION AND INTERPRETATION OF SOLAR PHENOMENA.
AD-656 751 3B U67 19 HC$ 3.00 MF$ 0.65

SUPERAERODYNAMICS, JET MIXING FLOW
RESTRICTED VARIATIONAL PRINCIPLE METHOD FOR THE FREE MOLECULAR MIXING OF PARALLEL STREAMS,
AD-656 337 20D U67 19 HC$ 3.00 MF$ 0.65

SUPERCONDUCTING MAGNET

ADVANCED SUPERCONDUCTING MAGNETS INVESTIGATION QUARTERLY PROGRESS REPORT, 10 FEB. - 10 MAY 1967.
N67-31518 20M S05 18 HC$ 3.00 MF$ 0.65

SUPERCONDUCTIVITY, TUNNELING(ELECTRONICS)
PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELLING.
AD-655 985 20C U67 19

ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM.
AD-655 993 20C U67 19

SUPERCONDUCTOR
MOTION OF MAGNETIC FLUX THROUGH SUPERCONDUCTING STRIPS.
N67-32279 20C S05 18 HC$ 3.00 MF$ 0.65

SUPERCONDUCTORS, FILMS
THE NONLINEAR MICROWAVE EFFECTS IN CONDUCTORS.
PB-175 639 20N U67 19 HC$ 3.00 MF$ 0.65

SUPERCONDUCTORS, LEAD ALLOYS
ELECTRON AND PHONON EFFECTS IN SUPERCONDUCTING FCC LEAD-BASED ALLOYS.
AD-656 019 20L U67 19

SUPERCONDUCTORS, RESONANCE
HELICON MODES IN PURE TYPE-II SUPERCONDUCTORS IN THE HIGH-FIELD REGION.
AD-655 952 20C U67 19

SUPERCONDUCTORS, SCIENTIFIC RESEARCH
FOUNDATIONAL RESEARCH PROJECTS, JANUARY-MARCH 1967.
AD-655 889 20L U67 19 HC$ 3.00 MF$ 0.65

SUPERCONDUCTORS, TRANSPORT PROPERTIES
USE OF POINT CONTACTS TO OBTAIN DIRECT EVIDENCE OF FLUX MOTION IN SUPERCONDUCTORS.
AD-655 994 20C U67 19

SUPERCONDUCTORS, TUNNELING(ELECTRONICS)
ANISOTROPY IN TUNNELING DENSITY OF STATES IN PURE TYPE-II SUPERCONDUCTORS.
AD-655 968 20C U67 19

SUPERCONDUCTORS, ULTRASONIC PROPERTIES
THEORY OF PURE TYPE-II SUPERCONDUCTORS IN HIGH MAGNETIC FIELDS. II. ULTRASONIC ATTENUATION.
AD-655 895 20C U67 19

SUPERFLUIDITY, SUPERCONDUCTIVITY
ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM.
AD-655 993 20C U67 19

SUPERFLUIDITY, VORTICES
EFFECTS OF PRESSURE ON THE TRANSPORT OF IONS THROUGH ROTATING HELIUM II.
AD-655 948 20H U67 19

SUPERSONIC AIRCRAFT
REPORT ON THE SESSION OF THE WGLR SUBCOMMITTEE ON FLIGHT CONTROL.
N67-31956 1A S05 18 HC$ 3.00 MF$ 0.65

SUPERSONIC FLOW
MEASUREMENTS OF FLOW PROPERTIES IN THE VICINITY OF THREE WING-FUSELAGE COMBINATIONS AT MACH NUMBERS OF 1.61 AND 2.01.
N67-32309 1A S05 18 HC$ 3.00 MF$ 0.65

SUPERSONIC FLOW, THERMAL RADIATION
TWO-DIMENSIONAL HIGH SPEED FLOW OF RADIATING GAS.
AD-481 002 20D U67 19 HC$ 3.00 MF$ 0.65

SUPERSONIC PLANES, FLIGHT PATHS
A STATISTICAL MODEL OF THE TEMPERATURE FIELD AT SUPERSONIC AIRCRAFT ALTITUDES.
AD-656 309 4B U67 19 HC$ 3.00 MF$ 0.65

SUPERSONIC TRANSPORT
PROCEEDINGS OF NASA CONFERENCE ON SUPERSONIC-TRANSPORT FEASIBILITY STUDIES AND SUPPORTING RESEARCH.
N67-31006 1C S05 18 HC$ 3.00 MF$ 0.65

AERODYNAMIC CHARACTERISTICS OF A TAILLESS FIXED-WING SUPERSONIC TRANSPORT CONFIGURATION AT MACH NUMBER 2.20.
N67-31933 1A S05 18 HC$ 3.00 MF$ 0.65

LOW-SPEED CHARACTERISTICS OF A VARIABLE-SWEEP SUPERSONIC TRANSPORT MODEL WITH A BLENDED ENGINE FUSELAGE AND ENGINE-MOUNTED TAILS.
N67-32140 1C S05 18 HC$ 3.00 MF$ 0.65

LARGE-SCALE LOW-SPEED WIND-TUNNEL TESTS OF A DELTA WINGED SUPERSONIC TRANSPORT MODEL TO DETERMINE AERODYNAMIC EFFECTS OF FORWARD OR REVERSE THRUST.
N67-32141 1C S05 18 HC$ 3.00 MF$ 0.65

AERODYNAMIC CHARACTERISTICS OF A TAILLESS FIXED-WING SUPERSONIC TRANSPORT MODEL AT MACH NUMBERS FROM 1.80 TO 2.86.
N67-32143 1C S05 18 HC$ 3.00 MF$ 0.65

AERODYNAMIC CHARACTERISTICS OF A THREE-ENGINE SUPERSONIC TRANSPORT MODEL HAVING A LOW- ASPECT-RATIO VARIABLE-SWEEP WARPED WING.
N67-32144 1C S05 18 HC$ 3.00 MF$ 0.65

WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 1.60 TO 2.86 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC TRANSPORT CONFIGURATION WITH VARIABLE-SWEEP WINGS EMPLOYING A DOUBLE INBOARD PIVOT.
N67-32553 1C S05 18 HC$ 3.00 MF$ 0.65

SUPERSONIC TURBINE
EXPERIMENTAL INVESTIGATION OF THE PARTIAL- ADMISSION PERFORMANCE CHARACTERISTICS OF A SINGLE-STAGE MACH 2 SUPERSONIC TURBINE.
N67-32157 21E S05 18 HC$ 3.00 MF$ 0.65

SUPERSONIC WIND TUNNEL
PANEL FLUTTER STUDIES OF BOOST-VEHICLE FULL-SCALE FLIGHT INSULATION PANELS.
N67-32552 22D S05 18 HC$ 3.00 MF$ 0.65

SUPERVISION, SUBMARINE PERSONNEL
TRAINING AND SUPERVISION OF CONTROLLERMEN.
AD-656 632 5I U67 19 HC$ 3.00 MF$ 0.65

SUPPORT SYSTEM
REQUIREMENT STUDIES FOR THE LAUNCH VEHICLE AND SUPPORT FOR A HORIZON DEFINITION SPACECRAFT.
N67-31833 22D S05 18 HC$ 3.00 MF$ 0.65

SURFACE CHEMISTRY
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MICROWAVE FLUX-FLOW DISSIPATION IN PARAMAGNETICALLY LIMITED TI-V ALLOYS.
AD-656 125 11F U67 19

TOBACCO, SOILS
EFFECT OF SOIL MOISTURE AND SOIL TEMPERATURE ON BLACK SHANK DISEASE DEVELOPMENT IN TOBACCO.
AD-655 551 6C U67 19

TOPOLOGY
COVERED SPACES.
N67-32149 12A S05 18 HC$ 3.00 MF$ 0.65

TOPOLOGY, SET THEORY
NON-STANDARD ANALYSIS WITHOUT TEARS AN EASY INTRODUCTION TO A. ROBINSON'S THEORY OF INFINITESIMALS.
AD-656 401 12A U67 19 HC$ 3.00 MF$ 0.65

TORPEDO MODELS, RUBBER COATINGS
FLOW NOISE AND DRAG MEASUREMENTS OF VEHICLE WITH COMPLIANT COATING.
AD-444 376 20D U67 19 HC$ 3.00

TOUCH, SENSORY PERCEPTION
TACTILE SPATIAL AFTEREFFECT OR ADAPTATION LEVEL.
AD-655 976 5J U67 19

TRACER
INFLUENCE OF PARENT AND DAUGHTER DECAY ON TRACER DIFFUSION PROFILES.
N67-32370 20H S05 18 HC$ 3.00 MF$ 0.65

TRACER STUDIES, DIFFUSION
DIFFUSION MEASUREMENTS INVOLVING DISCONTINUOUS INTERFACIAL CONTACT.
AD-656 153 20L U67 19

TRACKING SYSTEM
PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 AUG. - 6 NOV. 1965.
N67-32104 17B S05 18 HC$ 3.00 MF$ 0.65

PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 MAR. - 6 JUN. 1966.
N67-32105 17B S05 18 HC$ 3.00 MF$ 0.65

PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 SEP. - 6 DEC. 1966.
N67-32107 17B S05 18 HC$ 3.00 MF$ 0.65

TRACKING, PERFORMANCE(HUMAN)
PERFORMANCE IN AN AUDITORY VIGILANCE TASK WHILE SIMULTANEOUSLY TRACKING A VISUAL TARGET.
AD-656 437 5E U67 19 HC$ 3.00 MF$ 0.65

TRACKING, SYMPOSIA
PROCEEDINGS OF THE MITRE TRACKING SYMPOSIUM.
AD-418 018 17I U67 19 HC$ 3.00

TRAFFIC, SAFETY
THE STATE OF THE ART OF TRAFFIC SAFETY. A CRITICAL REVIEW AND ANALYSIS OF THE TECHNICAL INFORMATION ON FACTORS AFFECTING TRAFFIC SAFETY. PART I.
PB-175 615 13L U67 19 HC$ 3.00 MF$ 0.65

TRAILING EDGE
THE EFFECT OF TRAILING-EDGE CONTROL DEFLECTION ON THE LOADING OVER A 60 DEG DELTA-WING-BODY COMBINATION.
N67-31739 1A S05 18 HC$ 3.00 MF$ 0.65

SPANWISE LOADINGS AND AERODYNAMIC CHARACTERISTICS FOR A SERIES OF TRAILING- EDGE CONTROLS ON A 40 DEG SWEPTBACK WING AT MACH NUMBERS OF 1.61 AND 2.01.
N67-32002 1C S05 18 HC$ 3.00 MF$ 0.65

TRAINING DEVICES, ARMY EQUIPMENT
RATINGS, COMMENTS AND RECOMMENDATIONS FOR SPECIFIC TRAINING AIDS EMPLOYED IN THE ARMY TRANSPORTATION COMPANY OFFICERS COURSE.
AD-656 635 5I U67 19 HC$ 3.00 MF$ 0.65

TRAINING, PERSONNEL MANAGEMENT
ADMINISTRATIVE TRAINING AND RESEARCH USING SMALL GROUP EXERCISES. I. COMBINING MANAGEMENT TRAINING AND RESEARCH. II.
AD-655 992 5I U67 19

TRANSFER FUNCTION
EFFECT AND CONTROL OF CHATTER VIBRATION IN MACHINE TOOL PROCESSES QUARTERLY TECHNICAL REPORT, 1 AUG. - 31 OCT. 1966.
N67-31548 13I S05 18 HC$ 3.00 MF$ 0.65

TRANSFER OF TRAINING, TISSUE EXTRACTS
STUDIES OF MEMORY TRANSFER IN RATS.
AD-656 488 5J U67 19 HC$ 3.00 MF$ 0.65

TRANSFORMATIONS(MATHEMATICS), INVARIANCE
GREEN'S THEOREM AND INVARIANT TRANSFORMATIONS.
AD-655 964 20J U67 19 HC$ 3.00 MF$ 0.65

TRANSISTOR
DESIGN AND DEVELOP FAST SCAN INFRARED DETECTION AND MEASURING INSTRUMENT. PHASE IV - EXPERIMENTAL STUDY.
N67-31723 14B S05 18 HC$ 3.00 MF$ 0.65

TRANSISTORS, POWER AMPLIFIERS
HIGH-EFFICIENCY TRANSISTOR CW RF POWER AMPLIFIER.
AD-656 740 9E U67 19 HC$ 3.00 MF$ 0.65

TRANSISTORS, RADIATION DAMAGE
RADIATION STUDY ON MOS STRUCTURES.
AD-656 678 20L U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINE
REFLECTION MEASUREMENTS IN TRANSMISSION TECHNOLOGY USING BROADBAND FREQUENCY MODULATION IN THE MICROWAVE REGION.
N67-32030 20N S05 18 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, ELECTROMAGNETIC SHIELDING
A NEW ATTENUATING CONDUCTOR FOR REDUCING RADIO FREQUENCY NOISE FOUND ON ORDINARY POWER DISTRIBUTION LINES.
AD-656 177 9A U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, INSTALLATION
PLASTIC AERIAL CABLE CONSTRUCTION.
AD-656 313 9A U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, JOINING
A RESIN-SEALED APPROACH TO COMMUNICATIONS SPLICING.
AD-656 263 9A U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, MILITARY REQUIREMENTS
THE ROLE OF WIRE AND CABLE IN MILITARY COMMUNICATIONS.
AD-656 252 9A U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, MODELS(SIMULATORS)
MODEL TESTS OF A SURFACE-WAVE TRANSMISSION LINE FOR LONG DISTANCE COMMUNICATION.
AD-656 316 9A U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, RELIABILITY
RELIABILITY AND OPTIMUM DESIGN OF THE INTERCONNECTIONS OF A POWER SYSTEM.
AD-655 962 9C U67 19

TRANSMISSION LINES, RURAL AREAS

TRANSMISSION CHARACTERISTICS OF RURAL DISTRIBUTION WIRE AT AUDIO AND CARRIER FREQUENCIES.
AD-656 376 9A U67 19 HC$ 3.00 MF$ 0.65

TRANSMISSION LINES, SUPPORTS
PRELASHING AERIAL CABLE.
AD-656 314 17B U67 19 HC$ 3.00 MF$ 0.65

TRANSONIC FLOW, VORTICES
VISCOUS TRANSONIC SPIRAL AND RADIAL FLOW.
AD-656 749 20D U67 19 HC$ 3.00 MF$ 0.65

TRANSONIC SPEED
THE EFFECT OF TRAILING-EDGE CONTROL DEFLECTION ON THE LOADING OVER A 60 DEG DELTA-WING-BODY COMBINATION.
N67-31739 1A S05 18 HC$ 3.00 MF$ 0.65

EXPERIMENTAL INVESTIGATION OF THE TRANSONIC FLUTTER OF SIMPLE THIN TRUNCATED-CONE PANELS.
N67-32137 20D S05 18 HC$ 3.00 MF$ 0.65

TRANSPLANTATION, SHIELDING
A SIMPLE COLLAR DEVICE FOR THE PROTECTION OF SKIN GRAFTS IN MICE.
AD-655 942 6L U67 19

TRANSPORT AIRCRAFT
STUDY IN THE FEASIBILITY OF V/STOL CONCEPTS FOR SHORT HAUL TRANSPORT AIRCRAFT.
N67-32478 1B S05 18 HC$ 3.00 MF$ 0.65

TRANSPORT PLANES, BOUNDARY LAYER CONTROL SYSTEMS
BOUNDARY LAYER CONTROL SYSTEM INSTALLATION FOR THE YCV-2B AIRPLANE.
AD-656 480 1C U67 19 HC$ 3.00 MF$ 0.65

TRANSPORT PROPERTIES, PLASMA PHYSICS
PLASMA TRANSPORT AND STABILITY IN A 'MINIMUM-B' MAGNETIC FIELD.
AD-656 361 20I U67 19 HC$ 3.00 MF$ 0.65

TRANSPORTATION, DISTRICT OF COLUMBIA
ANNUAL REPORT 1966.
PB-174 947 13F U67 19 HC$ 3.00 MF$ 0.65

TRANSPORTATION, ECONOMICS
THE STUDY OF TRANSPORTATION REQUIREMENTS USING NATIONAL AND MULTIREGIONAL INPUT-OUTPUT TECHNIQUES,
PB-174 742 13F U67 19 HC$ 3.00 MF$ 0.65

TRANSPORTATION, NETWORKS
TRANSIENT FLOWS IN NETWORKS.
AD-656 681 15E U67 19 HC$ 3.00 MF$ 0.65

TRANSPORTATION, TIME
THE VALUE OF TIME FOR PASSENGER CARS A THEORETICAL ANALYSIS AND DESCRIPTION OF PRELIMINARY EXPERIMENTS.
PB-175 653 13G U67 19 HC$ 3.00 MF$ 0.65

TRANSPORTATION, URBAN AREAS
OPTIMUM ALLOCATION OF TRANSPORTATION TERMINALS IN URBAN AREAS.
PB-173 084 15E U67 19 HC$ 3.00 MF$ 0.65

TRAPEZOIDAL WING
TABULATED DATA FROM A PRESSURE-DISTRIBUTION INVESTIGATION AT MACH NUMBER 2.01 OF THE WING OF A CANARD AIRPLANE MODEL.
N67-31534 1A S05 18 HC$ 3.00 MF$ 0.65

MEASUREMENTS OF FLOW PROPERTIES IN THE VICINITY OF THREE WING-FUSELAGE COMBINATIONS AT MACH NUMBERS OF 1.61 AND 2.01.
N67-32307 1A S05 18 HC$ 3.00 MF$ 0.65

TRAPPED RADIATION
EFFECT OF VARIOUS OPTICAL RADIATIONS AND WATER VAPOR ON TRAPPING SPECTRUM OF CADMIUM SULFIDE.
N67-32122 20L S05 18 HC$ 3.00 MF$ 0.65

TRAVELING-WAVE TUBES, POWER AMPLIFIERS
TRANSVERSE-WAVE HIGH-POWER TUBE.
AD-656 624 9A U67 19 HC$ 3.00 MF$ 0.65

TREES, FORESTRY
AVAILABILITY OF YELLOW BIRCH LOGS TO SOUTHERN PISCATAQUIS COUNTY, STATE OF MAINE, 1966.
PB-175 640 2F U67 19 HC$ 3.00 MF$ 0.65

TREES, GROWTH
INVESTIGATING DOMINANCE IN DOUGLAS-FIR STANDS.
PB-175 656 2F U67 19 HC$ 3.00 MF$ 0.65

DENSITY AND HEIGHT GROWTH IN NATURAL SLASH PINE.
PB-175 694 2F U67 19 HC$ 3.00 MF$ 0.65

TREES, WOOD
SPIRAL GRAIN-A CAUSE OF POLE TWISTING.
PB-175 660 2F U67 19 HC$ 3.00 MF$ 0.65

TROPOSPHERE, NOISE(RADIO)
PATH INTERMODULATION DISTORTION MEASUREMENTS OF NOISE-POWER-RATIO OVER TROPOSPHERIC BEYOND-THE-HORIZON PATHS EMPLOYING AN FDM-FM SYSTEM.
PB-175 680 17B U67 19 HC$ 3.00 MF$ 0.65

TUNGSTEN ALLOY
DISLOCATION STRUCTURES IN SLIGHTLY STRAINED TUNGSTEN AND TUNGSTEN-RHENIUM AND TUNGSTEN-TANTALUM ALLOYS.
N67-32639 11F S05 18 HC$ 3.00 MF$ 0.65

TUNGSTEN, RADIOACTIVE ISOTOPES
FAST NEUTRON SCATTERING FROM THE 182, 184, AND 186 ISOTOPES OF TUNGSTEN.
ANL-7288 20H N21 15 HC$ 3.00 MF$ 0.65

TUNNELING(ELECTRONICS), SUPERCONDUCTIVITY
PROXIMITY EFFECT IN SUPERCONDUCTING CONTACTS BY ELECTRON TUNNELLING.
AD-655 965 20C U67 19

ALTERNATING CURRENT JOSEPHSON EFFECT IN SUPERFLUID HELIUM.
AD-655 993 20C U67 19

TURBINE BLADE
DESIGN AND EXPERIMENTAL INVESTIGATION OF A HIGH-WEIGHT-FLOW LOW-PRESSURE-RATIO TURBINE.
N67-31918 21E S05 18 HC$ 3.00 MF$ 0.65

TURBOJET ENGINE
ALTITUDE PERFORMANCE OF A FULL-SCALE HIGH-TEMPERATURE TURBOJET ENGINE USING PENTABORANE FUEL AND HEF-2.
N67-31544 21E S05 18 HC$ 3.00 MF$ 0.65

TURBULENCE, INVARIANCE
INVARIANTS IN TURBULENT FLOW.
AD-656 149 20D U67 19

TURBULENCE, JETS
A STUDY OF THE MEAN AND TURBULENT STRUCTURE OF A FREE JET AND JET IMPINGEMENT HEAT TRANSFER.
AD-656 592 20D U67 19 HC$ 3.00 MF$ 0.65

TURBULENCE, WAKE
AN EXPERIMENTAL AND THEORETICAL INVESTIGATION OF THE TURBULENT FAR WAKE.
AD-656 161 20D U67 19

TURBULENT BOUNDARY LAYER, NUMERICAL ANALYSIS
NUMERICAL SOLUTION OF THE TURBULENT-BOUNDARY-LAYER EQUATIONS.
AD-656 430 20D U67 19 HC$ 3.00 MF$ 0.65

TURBULENT BOUNDARY LAYER, THEORY
INVESTIGATION OF A THEORY FOR THE STRUCTURE OF THE VISCOUS SUBLAYER IN WALL TURBULENCE.
AD-656 089 20D U67 19 HC$ 3.00 MF$ 0.65

TURBULENT FLOW
STUDY OF VIBRATIONS INDUCED IN THIN-WALLED PIPES UNDER VARYING FLOW CONDITIONS FINAL REPORT.
N67-32116 20K S05 18 HC$ 3.00 MF$ 0.65

TWO-STAGE TURBINE
EXPERIMENTAL INVESTIGATION OF PARTIAL AND FULL-ADMISSION CHARACTERISTICS OF A TWO- STAGE VELOCITY-COMPOUND TURBINE.
N67-31525 21E S05 18 HC$ 3.00 MF$ 0.65

ULTRASONIC PROPERTIES, SOLIDS
GROUP-VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE,
AD-656 128 20A U67 19

ULTRASONIC RADIATION, BOUNDARY VALUE PROBLEMS
GROUP-VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE,
AD-656 128 20A U67 19

UNCONVENTIONAL WARFARE, BIBLIOGRAPHIES
CINFAC BIBLIOGRAPHIC REVIEW SUPPLEMENT NO. 13,
AD-656 465 15G U67 19 HC$ 3.00 MF$ 0.65

UNDERWATER SOUND, FLORIDA
UNDERWATER SOUND PROPAGATION IN THE STRAITS OF FLORIDA THE MIMI EXPERIMENT OF 3 AND 4 FEBRUARY 1965.
AD-656 636 20A U67 19 HC$ 3.00 MF$ 0.65

UNDERWATER SOUND, IMAGES
UNDERWATER ACOUSTIC IMAGING.
AD-656 091 20A U67 19 HC$ 3.00 MF$ 0.65

UNDERWATER SOUND, PHYSICS LABORATORIES
TRANSDUCER CALIBRATION FACILITY AT SAN VICENTE LAKE,
AD-656 467 14B U67 19 HC$ 3.00 MF$ 0.65

UNDERWATER SOUND, PROPAGATION
RECENT RESULTS FROM THE STRAITS-OF-FLORIDA UNDERWATER-SOUND-PROPAGATION STUDY.
AD-656 003 20A U67 19

UNDERWATER TEST
UNDERWATER OPERATION EXPERIMENTS EVALUATION.
N67-31849 14B S05 18 HC$ 3.00 MF$ 0.65

UNDERWATER VEHICLES, DEEP SUBMERGENCE
BUCKLING OF VESSELS COMPOSED OF COMBINATIONS OF CYLINDRICAL AND SPHERICAL SHELLS.
AD-656 639 13J U67 19 HC$ 3.00 MF$ 0.65

UNDERWATER, PHYSIOLOGY
THE EFFECTS OF POSTURE, BREATHING PRESSURE, AND IMMERSION IN WATER ON LUNG VOLUMES AND INTRAPULMONARY PRESSURES.
AD-655 938 6S U67 19 HC$ 3.00 MF$ 0.65

UNIVERSITIES, NUCLEAR PHYSICS LABORATORIES
EARLY HISTORY OF ASSOCIATED UNIVERSITIES AND BROOKHAVEN NATIONAL LABORATORY,
BNL-992 5A N21 15 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE
DISTRIBUTIONS AND LIFETIMES OF N AND NO BETWEEN 100 AND 200 KM.
N67-31506 4A S05 18 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, MEASUREMENT
INSTRUMENTATION AND TECHNIQUES FOR UPPER ATMOSPHERE MEASUREMENTS.
AD-656 393 4A U67 19 HC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, CARBIDES
PREPARATION OF URANIUM MONOCARBIDE BY REACTION IN A LIQUID-METAL MEDIUM,
ANL-7301 18J N21 15 HC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, FISSION
THE 233 U FISSION AND CAPTURE CROSS SECTIONS AND THEIR ANALYSIS AT LOW ENERGIES,
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URANIUM COMPOUNDS, PLUTONIUM COMPOUNDS
GEL-ADDITION PROCESS CHEMICAL STUDIES. QUARTERLY PROGRESS REPORT NO. 2, OCTOBER-DECEMBER 1966.
BAW-3714-2 18J N21 15 HC$ 3.00 MF$ 0.65

AN EVALUATION OF UL-PUC FOR SODIUM-COOLED FAST REACTORS,
BMI-1799 18J N21 15 HC$ 3.00 MF$ 0.65

URBAN AREAS, SHELTERS
PROTECTIVE BLAST SHELTER SYSTEM ANALYSIS.
AD-656 625 13M U67 19 HC$ 3.00 MF$ 0.65

URBAN AREAS, TRANSPORTATION
OPTIMUM ALLOCATION OF TRANSPORTATION TERMINALS IN URBAN AREAS.
PB-173 684 15E U67 19 HC$ 3.00 MF$ 0.65

URBAN PLANNING, ROADS
PERIPHERAL LAND STUDY ECONOMICS, ESTHETICS, AND HIGHWAYS,
PB-175 632 13B U67 19 HC$ 3.00 MF$ 0.65

VACCINES, EFFECTIVENESS
FIELD TRIAL OF A MONOVALENT AND OF A BIVALENT MINERAL OIL ADJUVANT TRACHOMA VACCINE IN TAIWAN SCHOOL CHILDREN,
AD-656 297 6E U67 19

LONG-TERM FOLLOW-UP OF THE INITIAL (1959-1960) TRACHOMA VACCINE FIELD TRIAL ON TAIWAN,
AD-656 299 6E U67 19

VACCINES, RUBELLA
RESEARCH AND DEVELOPMENT OF ATTENUATED AND INACTIVATED RUBELLA VACCINES.
PB-175 645 6M U67 19 HC$ 3.00 MF$ 0.65

VACUUM EQUIPMENT
SPACECRAFT TECHNOLOGY. VOLUME V - SPACE ENVIRONMENT.
N67-32181 22B S05 18 HC$ 3.00 MF$ 0.65

VACUUM GAUGE
THEORETICAL AND EXPERIMENTAL STUDIES OF THE UNDERLYING PROCESSES AND TECHNIQUES OF LOW PRESSURE MEASUREMENT PROGRESS REPORT, 1 JUN. 1966 - 31 MAY 1967.
N67-31709 14B S05 18 HC$ 3.00 MF$ 0.65

VACUUM PUMPS, VACUUM SEALS
METHOD OF PUMPING OF VACUUM SYSTEMS,
AD-656 504 13K U67 19 HC$ 3.00 MF$ 0.65

VACUUM SEALS, VACUUM PUMPS
METHOD OF PUMPING OF VACUUM SYSTEMS,
AD-656 504 13K U67 19 HC$ 3.00 MF$ 0.65

VACUUM SYSTEM
STUDY OF CW GASEOUS LASERS FOR SPACE COMMUNICATIONS SEMIANNUAL STATUS REPORT, 1 JUL. - 30 NOV. 1966.
N67-31738 20E S05 18 HC$ 3.00 MF$ 0.65

VACUUM, BIBLIOGRAPHIES
BIBLIOGRAPHY AND INDEX ON VACUUM AND LOW PRESSURE MEASUREMENT, JANUARY 1960 TO DECEMBER 1965,
NBS-MONO-35-SUPPL-1 14B U67 19 HC$ 0.65 MF$ 0.65

VALUE ENGINEERING, ELECTRONIC EQUIPMENT
VALUE ENGINEERING QUARTERLY REPORT FOR LIGHT OBSERVATION HELICOPTER AVIONICS PACKAGE.
AD-656 477 1C U67 19 HC$ 3.00 MF$ 0.65

VANADIUM ALLOYS, MEASUREMENT
MICROWAVE FLUX-FLOW DISSIPATION IN PARAMAGNETICALLY LIMITED Ti-V ALLOYS.
AD-656 125 11F U67 19

VAPOR
A GRAVITY INDEPENDENT VAPOR ABSORPTION REFRIGERATOR.
N67-32550 13A S05 18 HC$ 3.00 MF$ 0.65

VAPOR DEPOSITION
DISPERSION CHROMIUM PRODUCT SUMMARY REPORT.
N67-32530 11F S05 18 HC$ 3.00 MF$ 0.65

VAPOR PRESSURE
SUMMARY OF THERMOPHYSICAL PROPERTIES OF POTASSIUM.
N67-31919 7B S05 18 HC$ 3.00 MF$ 0.65

VAPORS, CONDENSATION
CONDENSATION IN A RAPIDLY EXPANDING METAL VAPOR-INERT GAS MIXTURE,
AD-656 708 20M U67 19 HC$ 3.00 MF$ 0.65

VARIABLE STARS, STABILITY
THE LINEAR THEORY INITIATION OF PULSATIONAL INSTABILITY IN STARS,
AD-656 214 3B U67 19

VARIABLE SWEEP
AERODYNAMIC CHARACTERISTICS OF A THREE-ENGINE SUPERSONIC TRANSPORT MODEL HAVING A LOW- ASPECT-RATIO VARIABLE-SWEEP WARPED WING.
N67-32144 1C S05 18 HC$ 3.00 MF$ 0.65

EFFECT OF WING PIVOT LOCATION ON LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF A VARIABLE SWEEP WING HAVING AN M PLANFORM.
N67-32145 1C S05 18 HC$ 3.00 MF$ 0.65

WIND-TUNNEL INVESTIGATION AT MACH NUMBERS FROM 1.60 TO 2.86 OF THE STATIC AERODYNAMIC CHARACTERISTICS OF A SUPERSONIC TRANSPORT CONFIGURATION WITH VARIABLE-SWEEP WINGS EMPLOYING A DOUBLE INBOARD PIVOT.
N67-32593 1C S05 18 HC$ 3.00 MF$ 0.65

VARNISHES, ELECTRIC WIRE
RECENT PROGRESS IN MAGNET WIRE ENAMELS,
AD-656 377 11C U67 19 HC$ 3.00 MF$ 0.65

VENOMS, TOXICITY
BIOCHEMICAL STUDIES ON THE TOXIC NATURE OF SNAKE VENOM.
AD-656 531 6T U67 19 HC$ 3.00 MF$ 0.65

VENUS
VENUS - PRELIMINARY SCIENCE OBJECTIVES AND EXPERIMENTS FOR USE IN ADVANCED MISSION STUDIES.
N67-32377 22A S05 18 HC$ 3.00 MF$ 0.65

VENUS ATMOSPHERE
SOMETHING NEW ABOUT VENUS.
N67-32308 22A S05 18 HC$ 3.00 MF$ 0.65

VENUS PROBE
BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME I - SUMMARY AND PROBLEM IDENTIFICATION FINAL REPORT.
N67-32388 22A S05 18 HC$ 3.00 MF$ 0.65

BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME II - MODE MOBILITY STUDIES FINAL REPORT.
N67-32389 22A S05 18 HC$ 3.00 MF$ 0.65

BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME III - INSTRUMENTATION STUDY FINAL REPORT.
N67-32390 22A S05 18 HC$ 3.00 MF$ 0.65

BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME IV - COMMUNICATIONS AND POWER FINAL REPORT.
N67-32391 22A S05 18 HC$ 3.00 MF$ 0.65

BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME V - TECHNICAL ANALYSIS OF A 200-POUND BVS FINAL REPORT.
N67-32392 22A S05 18 HC$ 3.00 MF$ 0.65

VENUS - PRELIMINARY SCIENCE OBJECTIVES AND EXPERIMENTS FOR USE IN ADVANCED MISSION STUDIES.
N67-32630 3B S05 18 HC$ 3.00 MF$ 0.65

VENUS(PLANET), TWILIGHT
THE TWILIGHT ATMOSPHERE OF VENUS,
AD-656 307 3B U67 19 HC$ 3.00 MF$ 0.65

VERBAL BEHAVIOR, LEARNING
INNOVATION IN TASK ORIENTED COMMUNICATION.
AD-656 776 5J U67 19 HC$ 3.00 MF$ 0.65

VERBAL BEHAVIOR, RECALL
ACOUSTIC FACTORS VERSUS LANGUAGE FACTORS IN SHORT-TERM MEMORY,
AD-656 651 5J U67 19

VERY LOW FREQUENCY
CRUFT LABORATORY SEMIANNUAL PROGRESS REPORT, 1 JUL. - 31 DEC. 1966.
N67-32215 9C S05 18 HC$ 3.00 MF$ 0.65

VIBRATION EFFECT
CARDIOVASCULAR EFFECTS OF VIBRATION SEMIANNUAL REPORT, 1 AUG. - 31 DEC. 1966.
N67-31859 6S S05 18 HC$ 3.00 MF$ 0.65

VIBRATION MEASUREMENT
STUDY OF VIBRATIONS INDUCED IN THIN-WALLED PIPES UNDER VARYING FLOW CONDITIONS FINAL REPORT.
N67-32116 20K S05 18 HC$ 3.00 MF$ 0.65

VIBRATION TESTING
EFFECT AND CONTROL OF CHATTER VIBRATION IN MACHINE TOOL PROCESSES QUARTERLY TECHNICAL REPORT, 1 AUG. - 31 OCT. 1966.
N67-31548 13I S05 18 HC$ 3.00 MF$ 0.65

VIBRATION, FAILURE(MECHANICS)
ON WILLEMS' EXPERIMENTAL VERIFICATION OF THE CRITICAL LOAD IN BECK'S PROBLEM,
AD-656 659 20K U67 19

VIBRATORY LOADING
JOINT ACCEPTANCE FOR CYLINDERS.
N67-31716 20K S05 18 HC$ 3.00 MF$ 0.65

VIBRIO, CLASSIFICATION
DIFFERENTIATION, CLASSIFICATION AND LABORATORY DIAGNOSIS OF EL TOR VIBRIOS.
AD-655 898 6M U67 19 HC$ 3.00 MF$ 0.65

VIETNAM, HANDBOOKS
AREA HANDBOOK FOR SOUTH VIETNAM,
AD-655 851 5K U67 19 MF$ 0.65

VINYL PLASTICS, ELECTRIC INSULATION
A NEW APPROACH TO COMPOUNDING FOR HIGH TEMPERATURE VINYL

WIRE INSULATION,
AD-656 164 111 U67 19 HC$ 3.00 MF$ 0.65

QUALITY CONTROL OF VINYL AND POLYETHYLENE ELECTRICAL INSULATING AND JACKETING MATERIALS,
AD-656 269 111 U67 19 HC$ 3.00 MF$ 0.65

SOME ASPECTS OF THE STABILIZATION OF VINYL INSULATION,
AD-656 610 111 U67 19 HC$ 3.00 MF$ 0.65

VINYL PLASTICS, PLASTICIZERS
DITRIDECYL PHTHALATE (DTDP) IN HIGH TEMPERATURE VINYL INSULATION,
AD-656 247 7C U67 19 HC$ 3.00 MF$ 0.65

VINYL PLASTICS, WEATHERPROOFING
DEVELOPMENT OF WEATHER-RESISTANT VINYL JACKETS,
AD-656 385 111 U67 19 HC$ 3.00 MF$ 0.65

VINYL POLYMER
STRUCTURE ANALYSIS ON STEREOREGULAR POLYMETHYLMETHACRYLATE IN SOLUTIONS.
N67-31659 7D S05 18 HC$ 3.00 MF$ 0.65

VISCOELASTICITY
APPLICATION OF COMPUTER TECHNIQUES TO SOME PROBLEMS IN LINEAR VISCOELASTICITY.
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SPIRAL MULTICOLORED PVC WIRE,
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PROJECTILE SIZE EFFECTS ON HYPERVELOCITY IMPACT CRATERS IN ALUMINUM.
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RADIOLOGICAL SAFETY STUDIES OF SPACE NUCLEAR SYSTEMS.
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SPECTROGRAPHIC DETERMINATION OF TRACES OF IRON IN COPPER AND SILVER BY CARRIER DISTILLATION,
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OIL CONTAMINATION IN OXYGEN SYSTEMS.
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GROUND STATES OF SIGMA-BONDED MOLECULES. I. A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS,
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DEWELL, E. H.
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GIMPEL, M. L.
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AD-656 299 6E U67 19

GRAYSTON, J. THOMAS
FIELD TRIAL OF A MONOVALENT AND OF A BIVALENT MINERAL OIL ADJUVANT TRACHOMA VACCINE IN TAIWAN SCHOOL CHILDREN,
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A BIBLIOGRAPHICAL SOURCEBOOK OF COMPRESSED AIR, DIVING AND SUBMARINE MEDICINE, VOLUME III,
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FIBROUS GINGIVAL HYPERPLASIA OF A MUSTACHE GUENON MONKEY (CERCOPITHECUS CEPHUS),
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BNL-994(AS-20) 18I U67 19 HC$ 3.00 MF$ 0.65

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PIQUA NUCLEAR POWER FACILITY REACTOR OPERATIONS ANALYSIS PROGRAM.
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PROGRESS REPORT FOR SNAP GENERAL SUPPORTING TECHNOLOGY, NOVEMBER 1966-JANUARY 1967,
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COMPUTER EXPERIMENTS ON LOW DENSITY CROSSED-FIELD ELECTRON BEAMS.
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AVCO-EVERETT RESEARCH LAB., EVERETT, MASS.
ADVANCED SUPERCONDUCTING MAGNETS INVESTIGATION QUARTERLY PROGRESS REPORT, 10 FEB. - 10 MAY 1967.
N67-31518 20M S05 18 HC$ 3.00 MF$ 0.65

STUDY OF PLASMA RADIATION SHIELDING QUARTERLY PROGRESS REPORT, 24 MAR. - 23 JUN. 1967.
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CRASH SURVIVAL DESIGN GUIDE,
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BABCOCK AND WILCOX CO., LYNCHBURG, VA. ATOMIC ENERGY DIV.
GEL-ADDITION PROCESS CHEMICAL STUDIES. QUARTERLY PROGRESS REPORT NO. 2, OCTOBER-DECEMBER 1966.
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BATTELLE MEMORIAL INST., COLUMBUS, OHIO. COLUMBUS LABS.

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THE 1107 MANUAL FOR PHYSICS CHAIN, A REACTOR ANALYSIS CODE,
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GEOLOGICAL SURVEY, WASHINGTON, D. C.
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ORIENTOMETER-A MULTI-DIRECTIONAL TREADMILL FOR THE ANALYSIS OF ORIENTATION,
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SEARCH FOR BIOLOGICAL PRECURSOR MOLECULES IN VOLCANIC VOLATILE SYSTEMS SEMIANNUAL STATUS REPORT, SEP. 1966 - MAR. 1967.
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HUGHES AIRCRAFT CO., CULVER CITY, CALIF. AEROSPACE GROUP.
PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 AUG. - 6 NOV. 1965.
N67-32164 17B S05 18 HC$ 3.00 MF$ 0.65

PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 MAR. - 6 JUN. 1966.
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PARAMETRIC ANALYSIS OF MICROWAVE AND LASER SYSTEMS FOR COMMUNICATION AND TRACKING QUARTERLY REPORT, 6 JUN. - 6 SEP. 1966.
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INVESTIGATION OF THE POTENTIALITIES OF PHOTOCHEMICAL LASER SYSTEMS. PART I - SURVEY AND ANALYSIS FINAL REPORT, 1 FEB. 1966 - 31 JAN. 1967.
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EFFECT OF PRESSURE ON THE DIFFUSION OF FE IN TI + 10 FE,
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THEORETICAL AND EXPERIMENTAL STUDIES OF THE UNDERLYING PROCESSES AND TECHNIQUES OF LOW PRESSURE MEASUREMENT PROGRESS REPORT, 1 JUN. 1966 - 31 MAY 1967.
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APPLICATIONS CENTER.
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PATH INTERMODULATION DISTORTION MEASUREMENTS OF NOISE-POWER-RATIO OVER TROPOSPHERIC BEYOND-THE-HORIZON PATHS EMPLOYING AN FDM-FM SYSTEM,
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ODD QUEERNESSES IN THE DEFORMATION CHART,
AD-656 136 20H U67 19

INSULATED POWER CABLE ENGINEERS ASSOCIATION MONTCLAIR N J
SCOPE OF I.P.C.E.A. STANDARDS FOR POLYETHYLENE INSULATED THERMOPLASTIC JACKETED COMMUNICATION CABLES,
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SPIRAL GRAIN-A CAUSE OF POLE TWISTING.
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ELECTROCHEMICAL CARBON DIOXIDE SENSOR.
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THE PHYSICAL TENSOR AND APPLICATION FINAL SCIENTIFIC REPORT, 1 NOV. 1965 - 31 JAN. 1967.
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JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
SPACE PROGRAMS SUMMARY NO. 37-45, VOLUME VI FOR THE PERIOD MARCH 1, 1967 TO APRIL 30, 1967. SPACE EXPLORATION PROGRAMS AND SPACE SCIENCES.
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THE CONCEPT OF A FILTER,
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TRANSLATIONAL VARIATIONS IN THE AMINO ACID SEQUENCE OF THE ALPHA-CHAIN OF RABBIT HEMOGLOBIN,
AD-656 222 6C U67 19

JOHNS HOPKINS UNIV BALTIMORE MD DEPT OF MECHANICS
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MOLECULAR LEVEL-CROSSING SPECTROSCOPY THE G VALUE FOR AN EXCITED STATE OF NITRIC OXIDE,
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COVERED SPACES.
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OVERCURRENT PROTECTION IN ELECTRONIC CIRCUITS,
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KJELLER RESEARCH ESTABLISHMENT (NORWAY). INSTITUT FOR ATOMENERGI.
THE NPY INTERNATIONAL ADVANCED SUMMER SCHOOL ON REACTOR PHYSICS (2D), NORWAY, AUGUST, 1966.
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TEMPORAL PRECISION IN BEACH PROFILING.
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AD-656 139 5J U67 19

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EXPERIMENTAL STUDY OF CHEMI-IONIZATION.
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ORDERING IN LIQUID CRYSTALS OWING TO ELECTRIC AND MAGNETIC FIELDS,
AD-655 997 7D U67 19

MARQUARDT CORP., VAN NUYS, CALIF.
FEASIBILITY STUDY OF OXYGEN/HYDROGEN POWDERED METAL IGNITION FINAL REPORT, 16 SEP. 1964 - 15 SEP. 1965.
N67-31967 21I S05 18 HC$ 3.00 MF$ 0.65

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DEVELOPMENT OF LIGHTWEIGHT GROUND SUPPORT CABLES FOR QUICK REACTION MISSILE SYSTEMS,
AD-656 180 9A U67 19

MARTIN CO DENVER COLO
THE POWER RATING OF TEFLON COAXIAL CABLES AT EXTREME ENVIRONMENTS,
AD-656 204 9A U67 19 MF$ 0.65

MARTIN CO ORLANDO FLA
TRANSITION TO TURBULENCE FOR SUBMERGED INCOMPRESSIBLE AND FREE COMPRESSIBLE FLUID JETS.
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MARTIN CO., DENVER, COLO.
BUOYANT VENUS STATION FEASIBILITY STUDY. VOLUME I - SUMMARY AND PROBLEM IDENTIFICATION FINAL REPORT.
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ADVANCED CONTROL SIGNAL PROCESSOR MODULE DESIGN, FABRICATION, AND TEST, PHASE V FINAL REPORT.
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STRUCTURE OF THE 'ETA MESON TO 3 PION' AMPLITUDE,
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AMOUNT OF FOUR-PARTICLE PRODUCTION REQUIRED IN S-MATRIX THEORY,
AD-655 972 20H U67 19

MARYLAND UNIV., COLLEGE PARK. INST. FOR FLUID DYNAMICS AND APPLIED MATHEMATICS.
OSCILLATORY AND TRANSITORY EKMAN BOUNDARY LAYERS.
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AD-655 957 7C U67 19

MASSACHUSETTS INST OF TECH CAMBRIDGE DEPT OF GEOLOGY AND GEOPHYSICS
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CRYSTALLIZATION OF FE(NH4)2(SO4)2.6H2O ON A SEED IN MAGNETIC FIELDS UP TO 140 KOE,
AD-656 123 20L U67 19

MICROWAVE FLUX-FLOW DISSIPATION IN PARAMAGNETICALLY LIMITED TI-V ALLOYS.
AD-656 125 11F U67 19

MASSACHUSETTS INST OF TECH CAMBRIDGE OPERATIONS RESEARCH CENTER
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SOLID STATE RESEARCH, 1967-2.
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PROJECT MAPOLE (MAGNETIC DIPOLE SPARK TRANSMITTER).
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THE EFFECT OF REPEATED TREATMENT WITH GAMMA RAYS ON THE RADIO-RESISTANLATED BACTERIA,
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ACETONITRILE EXCHANGE RATES IN SOLUTIONS OF NICKEL(II) IONS BY NUCLEAR MAGNETIC RESONANCE,
AD-655 859 7D U67 19

MATERIALS RESEARCH CORP ORANGEBURG N Y
INVESTIGATION OF ELECTRON BEAM PROCESSING OF ALUMINUM OXIDE AND RELATED MATERIALS.
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MAX-PLANCK-INSTITUT FUR STROMUNGSFORSCHUNG, GOTTINGEN (WEST GERMANY).
THREE-COMPONENT MEASUREMENTS ON RECTANGULAR WINGS WITH CAVITATION FINAL REPORT.
N67-31504 1A S05 18 HC$ 3.00 MF$ 0.65

MCMASTER UNIV HAMILTON (ONTARIO)
FINAL SCIENTIFIC REPORT ON AF-AFOSR-159-64, OCTOBER 1, 1964-SEPTEMBER 30, 1966,
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MCMASTER UNIV HAMILTON (ONTARIO) DEPT OF PHYSICS
PRECISE ATOMIC MASS DIFFERENCES INVOLVING ISOTOPES OF ND, SM, CD, AND PB,
AD-655 951 18B U67 19

THE SHAPE OF THE MASS SURFACE IN THE REGION OF 90 NEUTRONS,
AD-655 998 18B U67 19

STOPPING CROSS SECTIONS IN BORON OF LOW ATOMIC NUMBER ATOMS WITH ENERGIES FROM 15 TO 140 KEV,
AD-655 999 20H U67 19

MECHANICAL TECHNOLOGY INC LATHAM N Y
SNAKE TABLE TESTS OF A SPIRAL-GROOVED JOURNAL BEARING.
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MECHANICS RESEARCH INC EL SEGUNDO CALIF
CRASH LOADS ENVIRONMENT STUDY.
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MEDICAL COLL OF VIRGINIA RICHMOND DEPT OF PSYCHIATRY
A BIBLIOGRAPHICAL SOURCEBOOK OF COMPRESSED AIR, DIVING AND SUBMARINE MEDICINE, VOLUME III,
AD-656 674 6S U67 19 MF$ 0.65

MELPAR, INC., FALLS CHURCH, VA.
STUDIES IN COMETARY ASTROPHYSICS FINAL REPORT, 19 MAY 1965 - 18 MAY 1967.
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DISPERSION CHROMIUM PRODUCT SUMMARY REPORT.
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METCUT RESEARCH ASSOCIATES, INC., CINCINNATI, OHIO.
MACHINING DATA FOR NUMERICAL CONTROL TURNING,
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GRINDING RATIOS FOR AEROSPACE ALLOYS,
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MACHINING DATA FOR NUMERICAL CONTROL END MILL SLOTTING,
AD-800 228 13H U67 19 HC$ 3.00 MF$ 0.65

MACHINING DATA FOR NUMERICAL CONTROL TAPPING,
AD-803 041 13H U67 19 HC$ 3.00 MF$ 0.65

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REPAIR VERSUS REPLACEMENT, A STUDY OF EQUIPMENT MAINTENANCE.
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INTERNATIONAL SYMPOSIUM ON FREE RADICALS (7TH), PADUA, ITALY, SEPTEMBER 5-10, 1965,
AD-656 392 7D U67 19 HC$ 3.00 MF$ 0.65

PARAMETRICS INC WALTHAM MASS
RADIOISOTOPE TAXI GUIDANCE SYSTEM PHASE I. FEASIBILITY STUDY.
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OPTICAL SPECTROSCOPY OF SEMICONDUCTOR MATERIALS FINAL SCIENTIFIC REPORT, 1 JAN. 1964 - 31 DEC. 1966.
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AD-656 647 5J U67 19

A COMPARISON OF HYPNOTIC SUSCEPTIBILITY AS ASSESSED BY DIAGNOSTIC RATINGS AND INITIAL STANDARDIZED TEST SCORES,
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PENNSYLVANIA HOSPITAL PHILADELPHIA UNIT FOR EXPERIMENTAL PSYCHIATRY
AN EXPERIMENTAL INDIRECT TECHNIQUE FOR THE INDUCTION OF HYPNOSIS WITHOUT AWARENESS,
AD-656 364 5J U67 19

ON THE MECHANISMS OF POSTHYPNOTIC AMNESIA,
AD-656 649 5J U67 19

A COMPARISON OF AC AND DC EYE MOVEMENT RECORDING,
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INVARIANTS IN TURBULENT FLOW,
AD-656 149 20D U67 19

PENNSYLVANIA STATE UNIV UNIVERSITY PARK DEPT OF AEROSPACE ENGINEERING
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AD-656 127 20L U67 19

GROUP-VELOCITY DISPERSION DUE TO PULSE REFLECTION FROM A FREQUENCY-DEPENDENT BOUNDARY IMPEDANCE,
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THE EFFECTS OF COOLANT TEMPERATURE AND INITIAL POWER LEVEL ON THE EXCURSION BEHAVIOR OF A HIGHLY ENRICHED PLATE CORE IN SPERT III EXPERIMENT AND ANALYSIS,
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MAGGIORAZIONI INTERPOLATORIE NEGLI SPAZI (INTERPOLATIVE ESTIMATES IN CERTAIN SOBOLEV SPACES),
AD-656 007 12A U67 19

PITTSBURGH UNIV PA MANAGEMENT RESEARCH CENTER
ADMINISTRATIVE TRAINING AND RESEARCH USING SMALL GROUP EXERCISES. I. COMBINING MANAGEMENT TRAINING AND RESEARCH. II,
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DETERMINATION OF THE POCKELS ELECTRO-OPTIC COEFFICIENT IN ADP AT 9.5GHZ.
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AD-656 217 20F U67 19

POLYTECHNIC INST. OF BROOKLYN, N. Y. DEPT. OF AEROSPACE ENGINEERING AND APPLIED MECHANICS.
TWO-DIMENSIONAL HIGH SPEED FLOW OF RADIATING GAS.
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AD-655 946 7C U67 19

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COMPARISON OF THE K(+) AND K(-) DECAY RATES INTO THE TAU AND K-MU2 MODES.
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NIMBUS- B SOLAR CONVERSION POWER SUPPLY SUBSYSTEM QUARTERLY TECHNICAL REPORT, DEC. 1966 - FEB. 1967.
N67-31505 10B S05 18 HC$ 3.00 MF$ 0.65

MANNED MISSION PHOTOVOLTAIC POWER SYSTEM STUDY. VOLUME I - PROGRAM SUMMARY FINAL ENGINEERING REPORT, APR. 20, 1966 - JAN. 20, 1967.
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DESIGN AND DEVELOP FAST SCAN INFRARED DETECTION AND MEASURING INSTRUMENT. PHASE IV - EXPERIMENTAL STUDY.
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A THEORETICAL CONSIDERATION OF STIFFNESS IN AN ELECTRICAL CABLE,
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ALGORITHM FOR NONLINEAR PROGRAMMING RESOURCE-ALLOCATION METHODOLOGY,
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RESEARCH TRIANGLE INST., DURHAM, N. C. SOLID STATE LAB.
FEASIBILITY STUDY OF A MINIATURE SOLID-STATE PRESSURE TRANSDUCER FINAL REPORT,
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N67-32617 6B S05 18 HC$ 3.00 MF$ 0.65

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A SUBMERGED HOLOCENE SHORELINE NEAR BLOCK ISLAND, RHODE ISLAND,
AD-656 143 8F U67 19

RICE UNIV HOUSTON TEX DEPT OF SPACE SCIENCE
SATELLITE OBSERVATIONS OF PARTICLE FLUXES AND ATMOSPHERIC EMISSIONS,
AD-656 250 20H U67 19

RICE UNIV., HOUSTON, TEX.
MOTION OF MAGNETIC FLUX THROUGH SUPERCONDUCTING STRIPS.
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COMPLEX REPRESENTATION OF OPTICAL FIELDS IN COHERENCE THEORY,
AD-656 209 20F U67 19

ROCHESTER UNIV N Y INST OF OPTICS
TWO-PHOTON ABSORPTION SPECTRUM OF CDS,
AD-655 971 20L U67 19

ROCHESTER UNIV., N. Y. DEPT. OF ELECTRICAL ENGINEERING.
STUDY OF CW GASEOUS LASERS FOR SPACE COMMUNICATIONS SEMIANNUAL STATUS REPORT, 1 JUL. - 30 NOV. 1966.
N67-31738 20E S05 18 HC$ 3.00 MF$ 0.65

ROCHESTER UNIV., N. Y. ATOMIC ENERGY PROJECT.
BRIEF DESCRIPTION OF RESEARCH PUBLISHED OR ACCEPTED FOR PUBLICATION DURING 1966, .
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DEVELOPMENTS IN 300-600 VOLT MINIATURE FLEXIBLE INSULATED LEAD WIRE FOR USE AT 700-2000F,
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ROCKETDYNE, CANOGA PARK, CALIF.
A NARROW FIELD-OF-VIEW, HIGH RADIANT HEAT FLUX SENSOR FINAL REPORT.
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INVESTIGATION OF BIAXIAL STRESS CORROSION IN TWO ALLOY FINAL REPORT, 29 JUN. 1966 - 28 MAY 1967.
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FLAME RETARDANT POLYETHYLENE FOR WIRE AND CABLE,
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STUDIES ON THE QUANTUM YIELDS OF THE PHOTODISSOCIATION OF CARBON MONOXIDE FROM HEMOGLOBIN AND MYOGLOBIN,
AD-655 885 6A U67 19

ROWLAND AND CO., INC., HADDONFIELD, N. J.
THE PROCESS OF PROFESSIONAL INFORMATION EXCHANGE AMONG SCIENCE INFORMATION SPECIALISTS.
PB-175 568 5B U67 19 HC$ 3.00 MF$ 0.65

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CARBON FIBER REINFORCED PLASTICS - AN INITIAL EVALUATION.
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ROYAL INST. OF TECH., STOCKHOLM (SWEDEN). DEPT. OF MICROWAVE.
THE INFLUENCE OF ENERGY-DEPENDENT RELAXATION TIMES AND CHARGECARRIER MASS ON IONIZATION WAVES IN PLASMAS.
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ENGINEERING AND MATERIAL CONSIDERATIONS IN BURIED PLANT,
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LONG SPAN INSULATED OPEN WIRE TELEPHONE PLANT,
AD-656 166 17B U67 19 HC$ 3.00 MF$ 0.65

COLOR STANDARDS FOR PLASTIC INSULATED COMMUNICATION CABLES AND WIRES,
AD-656 246 17B U67 19 HC$ 3.00 MF$ 0.65

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DESIGN OF WIRE AND CABLE FOR DIRECT BURIAL IN RURAL TELEPHONE SYSTEMS OF REA BORROWERS,
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INTERATOMIC POTENTIAL PARAMETERS OF SOLID NEON AND ARGON,
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ANHARMONIC CONTRIBUTION TO THE GRUNEISEN PARAMETERS OF SOLID ARGON, KRYPTON AND XENON,
AD-656 010 20L U67 19

MODEL POTENTIALS AND THE DISPERSION LAW IN SOLID KRYPTON,
AD-656 011 20L U67 19

RYAN AERONAUTICAL CO SAN DIEGO CALIF
BOUNDARY LAYER CONTROL SYSTEM INSTALLATION FOR THE YCV-2B AIRPLANE.
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THE INFLUENCE OF NATURAL LIGHT ON THE VERTICAL MIGRATIONS OF AN ANIMAL COMMUNITY IN THE SEA.
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SCRIPPS INSTITUTION OF OCEANOGRAPHY SAN DIEGO CALIF
VISIBILITY LAB
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A REPRODUCIBLE SYSTEM FOR EVALUATING FOREST FIRE RETARDANTS.
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THERMOPHYSICAL PROPERTIES OF A LOW-DENSITY PHENOLIC-NYLON ABLATION MATERIAL.
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B6H10 PREPARATION.
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A SIMPLE RULE FOR CHECKING THE VALIDITY OF CERTAIN DETECTION FORMULAS.
AD-656 221 9D U67 19

STANFORD UNIV CALIF DEPT OF PHYSICS
RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES A NUMERICAL CALCULATION,
AD-655 981 20H U67 19

DECAY MODES 'ETA MESON TO POS. PION + NEG. PION + NEUT. PION + GAMMA PHOTON' AND 'ETA MESON TO NEUT. PION + 2 GAMMA PHOTONS',
AD-656 218 20H U67 19

REMARKS CONCERNING INELASTIC ELECTRON SCATTERING FROM 3HE,
AD-656 219 20H U67 19

CONVERGENCE OF THE SERIES EXPANSION FOR THE THOMAS-FERMI FUNCTION,
AD-656 220 12A U67 19

STATE UNIV. OF IOWA, IOWA CITY. DEPT. OF PHYSICS AND ASTRONOMY.
ON THE ENERGY FLUXES OF LOW-ENERGY PROTONS AND POSITIVE IONS IN THE EARTH'S INNER RADIATION ZONES.
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STEVENS INST OF TECH HOBOKEN N J DEPT OF MECHANICAL ENGINEERING
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ELECTRON MICROSCOPY OF POLYETHYLENE BELOW 20K,
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SWISS INSULATING WORKS LTD BREITENBACH
SPIRAL MULTICOLORED PVC WIRE,
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EFFECT AND CONTROL OF CHATTER VIBRATION IN MACHINE TOOL PROCESSES QUARTERLY TECHNICAL REPORT, 1 AUG. - 31 OCT. 1966.
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STRUCTURE ANALYSIS ON STEREOREGULAR POLYMETHYLMETHACRYLATE IN SOLUTIONS.
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ISRAEL SOUTH RED SEA EXPEDITION REPORTS, BULLETIN NO. 43, 1962.
AD-656 727 8A U67 19

ISRAEL SOUTH RED SEA EXPEDITION REPORTS, BULLETIN NO. 46, 1962.
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TENNESSEE EASTMAN CO KINGSPORT
THE DESIGN OF DIES FOR HIGH-SPEED WIRE COATING,
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AN ELECTROKINETIC STUDY OF THE PLATINUM-POTASSIUM IODIDE SOLUTION INTERFACE,
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GROUND STATES OF SIGMA-BONDED MOLECULES. I. A SEMIEMPIRICAL SCF MO TREATMENT OF HYDROCARBONS,
AD-655 969 7D U67 19

THE CRYSTAL STRUCTURE OF RARE-EARTH MONOSILICIDES.
AD-655 995 20B U67 19

TEXAS UNIV AUSTIN DEPT OF ELECTRICAL ENGINEERING
AMPLITUDE BOUNDS ON PERIODIC AND APERIODIC OSCILLATIONS SECOND-ORDER SYSTEMS.
AD-656 015 12A U67 19

SOME ADDITIONAL QUASI-PERFECT CODES,
AD-656 130 9D U67 19

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TEXAS BIANNUAL OF ELECTRONICS RESEARCH, NO. 5.
AD-656 349 9C U67 19 HC$ 3.00 MF$ 0.65

TEXAS UNIV., DALLAS. SOUTHWESTERN MEDICAL SCHOOL.
RESULTS OBTAINED TO DATE FROM A STUDY OF THE EFFECTS OF IONIZING IRRADIATION AND ITS EFFECT UPON FORMATION AND DEVELOPMENT OF THE HEALING WOUND.
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BEHAVIOR OF ULTRA-SMALL COLLOID PARTICLES,
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THE RESPONSE OF A CYLINDRICAL STRUCTURE TO A TURBULENT FLOW FIELD AT SUBCRITICAL REYNOLDS NUMBER,
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ELECTROCHEMICAL STUDIES IN THE SYNTHESIS OF N-F COMPOUNDS.
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STUDY TO DETERMINE THE THERMOPHYSICAL PROPERTIES OF ABLATIVE MATERIALS SUMMARY REPORT.
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TUFTS UNIV MEDFORD MASS
COMPENSATION FOR AUDITORY RE-ARRANGEMENT IN HAND-EAR COORDINATION,
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ADSORBED LAYERS.
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AN ADAPTER TO IMPROVE THE SENSITIVITY OF THE Q METER FOR DIELECTRIC LOSS MEASUREMENTS OF POLYETHYLENE,
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AD-656 275 14B U67 19

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EXPLORATORY DEVELOPMENT MODEL MINIATURE HYDROGEN GENERATOR.
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CORRECTING FORM ERRORS IN NUMERICALLY CONTROLLED MACHINED, POINT-DEFINED, SURFACES OF REVOLUTION,
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INVESTIGATION OF THE MECHANISMS ASSOCIATED WITH GAS BREAKDOWN UNDER INTENSE OPTICAL ILLUMINATION.
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UNITED AIRCRAFT CORP., EAST HARTFORD, CONN. RESEARCH LABS.
INVESTIGATION OF THE KINETICS OF CRYSTALLIZATION OF MOLTEN BINARY AND TERNARY OXIDE SYSTEMS QUARTERLY STATUS REPORT, 1 MAR. - 31 MAY 1967.
N67-31992 11B S05 18 HC$ 3.00 MF$ 0.65

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SEMI-SOLID COAXIAL CABLES WITH INTEGRAL-FIN INSULATION,
AD-656 318 9A U67 19 HC$ 3.00 MF$ 0.65

LAYTEX INSULATION FOR COMMUNICATION AND CONTROL CABLES,
AD-656 321 11J U67 19 HC$ 3.00 MF$ 0.65

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COLD GR-S POLYMERS FOR WIRE INSULATION,
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SOLID POLYPROPYLENE INSULATION FOR WIRE AND CABLE APPLICATIONS,
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3A U67 19

7D U67 19

5J U67 19
5H U67 19
5J U67 19
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5J U67 19
5J U67 19
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5H U67 19
14E U67 19
5J U67 19
5J U67 19
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20I U67 19

21B U67 19 HC$ 3.00 MF$ 0.65

5J U67 19

12A U67 19

20D U67 19 HC$ 3.00 MF$ 0.65

6C U67 19

20J U67 19

20H U67 19
20H U67 19
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12A U67 19

20E U67 19
20F U67 19
20F U67 19

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9D U67 19

3A U67 19

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3B U67 19

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20L U67 19

3B U67 19 HC$ 3.00 MF$ 0.65

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20L U67 19

6P U67 19
6P U67 19

20B U67 19

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NYU-GEN-132 18B N21 15 HC$ 3.00 MF$ 0.65
CONTRACT AT-30-2-GEN-16
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CONTRACT DAHC15-67-C-0158
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CONTRACT DA-28-043-AMC-01338(E)
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CONTRACT DA-28-043-AMC-01963(E)
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CONTRACT DA-28-043-AMC-01978(E)
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CONTRACT DA-28-043-AMC-02463(E)
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AD-656 667 7D U67 19
CONTRACT DA-31-124-ARO(D)-139
AD-656 214 3B U67 19
AD-656 669 7D U67 19
CONTRACT DA-31-124-ARO(D)-145
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CONTRACT DA-31-124-ARO(D)-173
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CONTRACT DA-31-124-ARO(D)-209
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AD-656 612 12B U67 19 HC$ 3.00 MF$ 0.65
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AD-656 886 11F U67 19
CONTRACT DA-31-124-ARO(D)-246
AD-656 886 20D U67 19 HC$ 3.00 MF$ 0.65
CONTRACT DA-31-124-ARO(D)-257
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AD-656 660 20H U67 19
CONTRACT DA-31-124-ARO(D)-270
AD-656 641 12A U67 19
AD-656 642 12A U67 19
AD-656 643 12A U67 19
CONTRACT DA-31-124-ARO(D)-276
AD-656 749 20D U67 19 HC$ 3.00 MF$ 0.65
CONTRACT DA-31-124-ARO(D)-291
AD-656 663 9A U67 19
CONTRACT DA-31-124-ARO(D)-320
AD-656 645 7E U67 19
AD-656 646 7B U67 19
CONTRACT DA-31-124-ARO(D)-325
AD-656 664 20D U67 19
CONTRACT DA-31-124-ARO(D)-331
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AD-656 606 12B U67 19 HC$ 3.00 MF$ 0.65
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CONTRACT DA-31-124-ARO(D)-460
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CONTRACT DA-33-091-AMC-273(Z)
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CONTRACT DA-44-177-AMC-360(T)
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CONTRACT DA-49-092-ARO-156
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CONTRACT DA-49-092-ARO-65
AD-655 856 5H U67 19 HC$ 3.00 MF$ 0.65
CONTRACT DA-49-092-ARO-7
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CONTRACT DA-49-1d6-AMC-149(D)
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AD-656 125 11F U67 19
CONTRACT F61052-67-C0055
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CONTRACT NONR-2216(21)
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AD-656 554 6E U67 19
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CONTRACT NONR-2318(00)
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CONTRACT NONR-233(77)
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CONTRACT NONR-2541(00)
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CONTRACT NONR-3903(00)
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CONTRACT NONR-396(08)
AD-656 143 8F U67 19
CONTRACT NONR-401(47)
AD-656 093 20E U67 19
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AD-656 488 5J U67 19 HC$ 3.00 MF$ 0.65
CONTRACT NONR-4054(00)
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CONTRACT NONR-4148(00)
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CONTRACT NONR-4188(00)
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CONTRACT NONR-4259(14)
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CONTRACT NONR-4381(00)
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CONTRACT NONR-4864(00)
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CONTRACT NONR-551(52)
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CONTRACT NONR-609(47)
AD-656 640 20M U67 19 HC$ 3.00 MF$ 0.65
CONTRACT NONR-609(50)
AD-655 963 22C U67 19
CONTRACT NONR-656(33)
AD-656 147 20D U67 19
CONTRACT NONR-656(37)
AD-656 122 5K U67 19 HC$ 3.00 MF$ 0.65
CONTRACT NONR-710(60)
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AD-656 626 12B U67 19 HC$ 3.00 MF$ 0.65
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AD-656 400 20L U67 19
CONTRACT NONR-839(34)
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AD-656 575 20D U67 19 HC$ 3.00 MF$ 0.65
AD-656 576 20M U67 19 HC$ 3.00 MF$ 0.65
CONTRACT NONR-840(16)
AD-656 003 20A U67 19
CONTRACT NOW-62-0604
AD-656 730 22C U67 19 HC$ 3.00 MF$ 0.65
CONTRACT NOW-64-0380
AD-470 074 7E U67 19 HC$ 3.00 MF$ 0.65
CONTRACT NOW-65-0123
AD-656 148 4B U67 19
CONTRACT NOW-66-0324
AD-656 430 20D U67 19 HC$ 3.00 MF$ 0.65
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PB-175 567 5B U67 19 HC$ 3.00 MF$ 0.65
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CONTRACT NSR-34-004-035
N67-32617 6B S05 18 HC$ 3.00 MF$ 0.65
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CONTRACT N00014-66-C-0033
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CONTRACT N60530-10045
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CONTRACT N62558-3720
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CONTRACT N62558-4297
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AD-656 354 20I U67 19
CONTRACT N80NR-641(02)
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CONTRACT OCD-PS-64-252
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CONTRACT OCD-PS-65-53
AD-655 864 6U U67 19 HC$ 3.00 MF$ 0.65
CONTRACT OCD-PS-66-10
AD-656 625 13M U67 19 HC$ 3.00 MF$ 0.65
CONTRACT PH-43-64-496
PB-175 668 6A U67 19 HC$ 3.00 MF$ 0.65
CONTRACT PH-43-66-459

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CONTRACT SD-131
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CONTRACT SD-140
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CONTRACT SD-86
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AD-656 732 20K U67 19 HC$ 3.00 MF$ 0.65
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ANL-7220 7E N21 15 HC$ 3.00 MF$ 0.65
ANL-7225 18J N21 15 HC$ 3.00 MF$ 0.65
ANL-7241 18J N21 15 HC$ 3.00 MF$ 0.65
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ANL-7288 20H N21 15 HC$ 3.00 MF$ 0.65
ANL-7301 18J N21 15 HC$ 3.00 MF$ 0.65
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UR-49-748 18D N21 15 HC$ 3.00 MF$ 0.65
CONTRACT W-7405-ENG-26
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Y-1576 13H N21 15 HC$ 3.00 MF$ 0.65
Y-1579 13H N21 15 HC$ 3.00 MF$ 0.65
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LA-3641 6R N21 15 HC$ 3.00 MF$ 0.65
LA-3658 13- N21 15 HC$ 3.00 MF$ 0.65
LA-3669 20M N21 15 HC$ 3.00 MF$ 0.65
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LA-3676 20H N21 15 HC$ 3.00 MF$ 0.65
LA-3685 12A N21 15 HC$ 3.00 MF$ 0.65
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UCRL-4919 REV. II 18I N21 15 HC$ 3.00 MF$ 0.65
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BMI-1797 18I N21 15 HC$ 3.00 MF$ 0.65
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N67-31989 1A S05 18 HC$ 3.00 MF$ 0.65
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N67-32485 12B S05 18 HC$ 3.00 MF$ 0.65
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N67-32639 11F S05 18 HC$ 3.00 MF$ 0.65
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N67-32339 22B S05 18 HC$ 3.00 MF$ 0.65
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N67-32552 22D S05 18 HC$ 3.00 MF$ 0.65
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GRANT AF-AFOSR-1070-66
AD-656 132 12A U67 19
GRANT AF-AFOSR-1086-66
AD-656 021 7D U67 19
GRANT AF-AFOSR-1095-66
AD-656 776 5J U67 19 HC$ 3.00 MF$ 0.65
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GRANT AF-AFOSR-134-65
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GRANT AF-AFOSR-159-64
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AD-656 024 20M U67 19
GRANT AF-AFOSR-236-65
AD-655 971 20L U67 19
GRANT AF-AFOSR-264-65
AD-655 989 21B U67 19
GRANT AF-AFOSR-28-65
AD-655 860 7D U67 19
GRANT AF-AFOSR-30-65
AD-655 926 20M U67 19 HC$ 3.00 MF$ 0.65
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AD-656 434 7D U67 19 HC$ 3.00 MF$ 0.65
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GRANT AF-AFOSR-502-66
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GRANT AF-AFOSR-508-66
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AD-656 013 7D U67 19
GRANT AF-AFOSR-518-66
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GRANT AF-AFOSR-571-66
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GRANT AF-AFOSR-572-65
AD-656 017 5K U67 19
GRANT AF-AFOSR-605-64
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GRANT AF-AFOSR-606-64
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GRANT AF-AFOSR-610-67
AD-656 016 11F U67 19
GRANT AF-AFOSR-631-64
AD-655 965 20C U67 19
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AD-655 996 11F U67 19
GRANT AF-AFOSR-692-65
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GRANT AF-AFOSR-701-66
AD-656 688 8K U67 19 HC$ 3.00 MF$ 0.65
GRANT AF-AFOSR-704-66
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GRANT AF-AFOSR-707-65
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AD-656 650 8P U67 19
GRANT AF-AFOSR-707-67
AD-656 384 5J U67 19
GRANT AF-AFOSR-726-65
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AD-656 010 20L U67 19
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GRANT AF-AFOSR-76-66
AD-655 956 20L U67 19
GRANT AF-AFOSR-762-65
AD-655 975 5J U67 19
GRANT AF-AFOSR-766-67
AD-656 015 12A U67 19
AD-656 130 9D U67 19
AD-656 349 9E U67 19 HC$ 3.00 MF$ 0.65
GRANT AF-AFOSR-781-67
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GRANT AF-AFOSR-785-65
AD-655 948 20H U67 19
GRANT AF-AFOSR-789-66
AD-655 964 20J U67 19 HC$ 3.00 MF$ 0.65
GRANT AF-AFOSR-794-65
AD-655 858 20C U67 19
GRANT AF-AFOSR-796-65
AD-655 960 7B U67 19
GRANT AF-AFOSR-806-65
AD-655 995 20B U67 19
GRANT AF-AFOSR-83-63
AD-655 961 3B U67 19

GRANT AF-AFOSR-854-65
AD-655 953 20H U67 19
GRANT AF-AFOSR-873-65
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GRANT AF-AFOSR-938-65
AD-656 020 7C U67 19
GRANT AF-AFOSR-968-65
AD-655 976 5J U67 19
AD-655 978 5J U67 19
GRANT AF-AFOSR-98-65
AD-655 962 9C U67 19
AD-655 970 12A U67 19
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AD-656 018 7D U67 19
GRANT AF-EOAR-01-66
AD-656 392 7D U67 19 HC$ 3.00 MF$ 0.65
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GRANT AF-EOAR-33-64
AD-655 884 6A U67 19
GRANT AF-EOAR-33-66
AD-656 002 7D U67 19
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AD-655 880 20H U67 19
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GRANT AF-EOAR-61-64
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GRANT AF-EOAR-61-65
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GRANT AF-EOAR-8-66
AD-656 138 6A U67 19 HC$ 3.00 MF$ 0.65
GRANT AF-EOAR-82-65
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AD-656 133	8F	U67	19			
AD-656 134	6C	U67	19			
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AD-656 136	20H	U67	19			
AD-656 137	7B	U67	19			
AD-656 138	6A	U67	19	HC$	3.00	MF$ 0.65
AD-656 139	5J	U67	19			
AD-656 140	13I	U67	19	HC$	3.00	MF$ 0.65
AD-656 141	11F	U67	19	HC$	3.00	MF$ 0.65
AD-656 142	5B	U67	19	HC$	3.00	MF$ 0.65
AD-656 143	8F	U67	19			
AD-656 144	20J	U67	19			
AD-656 145	8F	U67	19			
AD-656 146	20L	U67	19			
AD-656 147	20D	U67	19			
AD-656 148	4B	U67	19			
AD-656 149	20D	U67	19			
AD-656 150	3B	U67	19			
AD-656 151	20L	U67	19			
AD-656 152	1A	U67	19			
AD-656 153	20L	U67	19			
AD-656 154	20L	U67	19			
AD-656 155	18D	U67	19			
AD-656 156	7D	U67	19			
AD-656 157	7D	U67	19			
AD-656 158	20D	U67	19			
AD-656 159	20I	U67	19			
AD-656 160	7B	U67	19			
AD-656 161	20D	U67	19			
AD-656 162	17B	U67	19	HC$	3.00	MF$ 0.65
AD-656 163	11I	U67	19	HC$	3.00	MF$ 0.65
AD-656 164	11I	U67	19	HC$	3.00	MF$ 0.65
AD-656 165	9A	U67	19	HC$	3.00	MF$ 0.65
AD-656 166	17B	U67	19	HC$	3.00	MF$ 0.65
AD-656 167	17B	U67	19	HC$	3.00	MF$ 0.65
AD-656 168	17B	U67	19	HC$	3.00	MF$ 0.65
AD-656 169	11I	U67	19	HC$	3.00	MF$ 0.65
AD-656 170	13H	U67	19	HC$	3.00	MF$ 0.65
AD-656 171	11I	U67	19	HC$	3.00	MF$ 0.65
AD-656 172	11C	U67	19	HC$	3.00	MF$ 0.65
AD-656 173	11J	U67	19	HC$	3.00	MF$ 0.65
AD-656 174	9A	U67	19	HC$	3.00	MF$ 0.65
AD-656 175	9A	U67	19	HC$	3.00	MF$ 0.65
AD-656 176	9A	U67	19	HC$	3.00	MF$ 0.65
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AD-656 178	9A	U67	19	HC$	3.00	MF$ 0.65
AD-656 179	17B	U67	19	HC$	3.00	MF$ 0.65
AD-656 180	9A	U67	19			
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AD-656 184	8D	U67	19			
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AD-656 203	11C	U67	19	HC$	3.00	MF$ 0.65
AD-656 204	9A	U67	19			MF$ 0.65
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AD-656 207	17B	U67	19	HC$	3.00	MF$ 0.65
AD-656 208	20I	U67	19			
AD-656 209	20F	U67	19			
AD-656 210	20J	U67	19			
AD-656 211	6I	U67	19	HC$	3.00	MF$ 0.65
AD-656 212	8K	U67	19			
AD-656 213	6A	U67	19	HC$	3.00	MF$ 0.65
AD-656 214	3B	U67	19			
AD-656 215	9A	U67	19	HC$	3.00	MF$ 0.65
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AD-656 217	20F	U67	19			
AD-656 218	20H	U67	19			
AD-656 219	20H	U67	19			
AD-656 220	12A	U67	19			
AD-656 221	9D	U67	19			
AD-656 222	6C	U67	19			
AD-656 223	8G	U67	19			
AD-656 224	20M	U67	19			
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AD-655 957 7C U67 19
AFOSR-67-1659
AD-655 958 7B U67 19
AFOSR-67-1661
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ARL-67-0126
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